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SUMMARY OF SYNOPTIC METEOROLOGICAL OBSERVATIONS. INDONESIAN COASTAL MARINE AREAS. VOLUME 2. AREA 8 - WEST BORNEO, AREA 9 - KARIMATA STRAIT, AREA 10-SOUTHWEST JAVA SEA, AREA 11 - SOUTH CENTRAL JAVA, AREA 12 - SOUTHEAST JAVA, AREA 13 - SOUTHEAST JAVA SEA, AREA 14 - NORTHEAST JAVA SEA

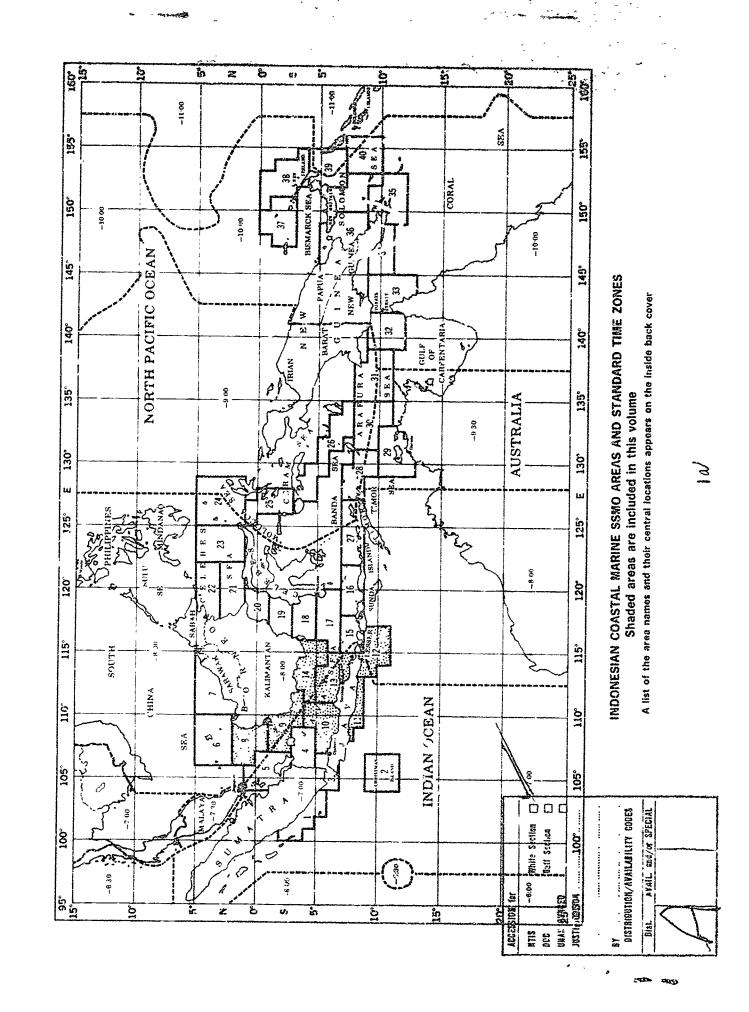
Naval Weather Service Command Washington, D. C.

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# U. S. NAVAL WEATHER SERVICE COMMAND

## SUMMARY OF

SYNOPTIC METEOROLOGICAL OBSERVATIONS INDONESIAN COASTAL MARINE AREAS

VOLUME 2

AREA 8 - WEST BORNEO
AREA 9 - KARIMATA STRAIT
AREA 10 - SOUTHWEST JAVA SEA
AREA 11 - SOUTH CENTRAL JAVA
AREA 12 - SOUTHEAST JAVA
AREA 13 - SOUTHEAST JAVA SEA
AREA 14 - NORTHEAST JAVA SEA



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Prepared under the direction of the U.S. Naval Weather Service Command by the National Climatic Center, Federal Building, Asheville, N.C. 28801.

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## SUMMARY OF SYNOPTIC METEOROLOGICAL OBSERVATIONS (MONTHLY AND ANNUAL)

The data contained in these tables were obtained from tape data Family 11 (TDF-11), Marine Surface observations. TDF-11 was primarily funded by the Naval Weather Service Command and selected by NWSD Asheville as the most comprehensive collection of marine surface observations from which to develop a series of coastal marine summaries. The source was punched cards of weather observations taken aboard vessels of varying registry. They were recorded on magnetic tape in a common format, Elements not in WMO code were converted to this code where possible, within the tape record as supplemental data were retained quality control was attempted as the punched cards were converted to taped records and, where possible, missing psychrometric data were computed.

Before the tables are prepared, extreme values of selected parameters are scrutinized so that obvious errors can be excluded. This method is necessarily subjective since the only available record of many observations is the punched card from which the tape records were prepared. Frequently there is no concrete evidence to prove or disprove the validity of questionable data.

Also, it should be noted that these data are based upon observations made by ships in passage. Such ships tend to avoid bad weather when possible, thus blashing our data toward good weather samples.

Because the number of observations may vary from one table to the other, no absolute relationship exists be ween the tables. As an example, air temperature counts for Tables 13 and 17 may not be identical since only observations containing both air temperature and relative humidity were counted in Table 13 and only those with both temperature and air-sea temperature difference were counted in Table 17. No requirement for simultaneous recording of all elements was made.

The primary period of record is that period (extending back in time from the most recent cata) during which eighty percent of the total number of observations were recorded. The overall period is the earliest to the latest observed data used in compiling the tables. Tables 18 and 19 were tabulated from selected decks only and the overall period indicates the period of record of this shown.

### THE TABLES

Percentage frequencies are computed to hundredths and rounded to tenths. An asterisk (\*) indicates percentage frequency > 0 and <.05. A value followed by a plus sign indicates greater than or equal to that value (8+ means 8 or greater). NH = low cloud amount (or middle cloud amount when low clouds are not present). The hours given in this publication are GMT.

The geographic position shown on the tables is the central position (centroid) of the observations within the area. This value may fall outside irregular areas.

Annual values are computed on the basis of the sum of the monthlies divided by the number of months.

Tables I through 19 appear in numerical order for each month, with the annual tables appearing after the tables for December. Tables 20 and 21 appear at the end of the entire series, after the annual summary for Table 19. The series of summaries appear in numerical order by area number.

Table 1 - Percentage Frequency of Weather Occurrence by Wire i rection (8 pts.).

Table 2 - Percentage Frequency of Weather Occurrence by Hour (GMT).

Table 3 - Percentage Frequency of Wind Direction (8 pts.) by Speed and by Hour (GMT). This table includes mean wind speed (kts.) by direction (8 pts.).

Table 3A - Percentage Frequency of Wind Direction (8 pts.) by Speed and by Hour (GMT). This table includes mean wind speed (kts.) by direction.

Table 4 - Percentage Frequency of Wind Speed by Hour (GMT). This table includes mean speed by hour.

Table 5 - Percentage Frequency of Total Cloud Amount (Oktas) by Wind Direction (8 pts.). This table includes mean cloud amount by wind direction.

Table 6 - Percentage Frequency of Ceiling Heights (feet, NH > 4/8) and Occurrence of NH <5/8 by Wind Direction (8 pts.).

Table 7 - Cumulative Percentage Frequency of Occurrence of Ceiling Height (feet, NH > 4/8) and Visibility (Nautical Miles).

Table 7A - Percentage Frequency of Low Cloud Amount (or Middle Cloud Amount if Low Clouds are not present), and Percentage Frequency of Sky Obscured. Amounts are in Oktas.

Table 8 - Percentage Frequency of Wind Direction (8 pts.) vs. Occurrence or Non-Occurrence of Precipitation at Observation Time with Varying Values of Visibility (Nautical Miles).

Table 9 - Percentage Frequency of Wind Direction (8 pts.) vs. Wind Speed (kts.) with Varying Values of Visibility (Nautical Miles).

Table 10 - Percernage Frequency of Celling Heights (feet, NH > 4/8) and Occurrence of NH <5/8 by Hour (GMT).

Table 11 - Percentage Frequency of Visibility (Nautical Miles) by Hour (GMT).

Table 12 - Cumulative Percentage Frequency of Ranges of Visibility (Nzutical Miles) and Ceiling Height (feet, NH > 4/8) by Hour (GMT).

Table 13 - Percentage Frequency of Relative Humidity (%) by Air Temperature (° F.).

<u>Table 14</u> - Percentage Frequency of Wind Direction (8 pts.) by Air Temperature (° F.).

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Table 15 - Means, Extremes, and Percentiles of Air Temperature (\*F.) by Hour (GMT). Extreme temperatures are the one maximum and one minimum value appearing in the marine data file. The Extremes may be unrepresentative due to sampling errors. Extrapolation from the percentile values usually gives a better estimate of expected extreme conditions.

Table 16 - Percentage Frequency of Relative Humidity (%) by Hour (GMT).

Table 17 - Percentage Frequency of Air Temperature (F) and the Occurrence of Fog vs. Air-Sea Temperature Difference (F).

Air-Sea Temperature Difference is:

Positive when the air is warmer than the sea surface; Negative when the air is cooler than the sea surface. In the table heading, the limits of the temperature ranges appear in a vertical arrangement along the top of the table.

Table 18 - Percentage Frequency of Surface Wind Speed (kts.) and Direction (8 pts.) vs. Sea Height (feet). Source deck 128 for which data are available from mid-1963 was used for these tables. This deck represents the latest and most complete homogeneous source of wave data available. Here, only sea waves generated by local winds in the vicinity of the observer are summarized.

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Table 19 - Percentage Frequency of Wave Height (f.et) vs. Wave Period (seconds). In this table when both sea and swell waves are present in an observation, the higher of the two is used. If both are the same height, the longer period is chosen. When only one of the wave groups is observed, either sea or swell, it is used in the summary. Swell waves are those generated by winds distant from the local area where the observation is taken.

Table 20 - Monthly and Annual Percentage Frequencies and Means of Sea Surface Temperature (\* F.).

Table 21 - Monthly and Annual Sea Level Pressures (millibars). This table includes means by hour and for all hours, extreme values and percentile values.

Tables 1-19 appear together for each mont and in the annual summary. The following two tables appear at the end of the entire series for each area.

In this volume, percentage frequencies at specified hours of the day refer to percentages of observations taken at those hours, rather than percentages of observations taken at all hours. Data at adjacent hours are summarized with data at synoptic hours, i.e., data from 02 and 04 GMT are combined with data from 03 GMT.

### CONTENTS

PAGES	1-79	80-158	159-237	238-316	317-395	396-17	475-553
NAME	West Borneo	Karimata Strait	Southwest Java Sea	South Central Java	Southeast Java	Southeast Java Sea	Northeast Java Sea
AREA	œ	6	10	11	12	13	14

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### DIRECTION AND WEATHER CODES

DRESENT WEATHER (1960 WAS CODE ACT)	IGOD	58-59 00-65 91-94 10-12 FOG (MITHOUT 40-49) PRECIPITATION)	) 16. 16. 16. 16. 16. 16. 16. 16. 16. 16.	10	56-57 FREEZING 06-09 BLOWING DUST 66-67 PRECIPITATION 30-39 BLOWING SNOW	70-75,85-86 (68-69,83-84, 95,97 1F TEMP SNOW 14-16 REATHER AT 14-16 REATHER AT 14-16 OB TIME	76-79 OTHER FROZEN 76-79 PRECIPITATION AND AND PRECIPITATION	HA11.		•	NOTE The tollowing WWO codes were counted in two weather categories. 58-59 (rain and drizzle). 68-69 (rain and snow) 95-94 (rain and hall). 96 and 99 (hall and shunder) lithering the counter of the control of the con	thunder-torm), or (lain and thunder lightning thunder lightning thunder lightning
VISIBILITY (VV)	INTERPRETATION CODE (NAUTICAL MILES)	90-93 vV<1/2	94 1/2 <vv<1< th=""><th>95 1<u>5</u>VV&lt;2</th><th>96 2∠∨∨&lt;5</th><th>97 5<u>&lt;</u>VV&lt;10</th><th>98 10<u>&lt;</u>VV&lt;25</th><th>99 VV≥25</th><th>NOTE: <means less="" th="" than,<=""><th><pre></pre></th><th>greater than or equal to.</th><th></th></means></th></vv<1<>	95 1 <u>5</u> VV<2	96 2∠∨∨<5	97 5 <u>&lt;</u> VV<10	98 10 <u>&lt;</u> VV<25	99 VV≥25	NOTE: <means less="" th="" than,<=""><th><pre></pre></th><th>greater than or equal to.</th><th></th></means>	<pre></pre>	greater than or equal to.	
CONVERSION OF WIND AND WAVE DIRECTION TO 8 POINTS	A reduced bias system was employed in converting and and wave directions to 8 points. This method attaches weighting	values to observations which overlap two different 8 point sectors and treats them see "decimal observation counts." These	decimal quantities are rounded to whole numbers for presentation as 'observational counts' in the tables, Figures 1-4 below	show the o point system with other systems because of rounding, sub-total sums of "observation counts" may not equal grand totals.				Fig 1 The A point Fig 2 The 16 point direction direction system system supermiposed on the A point system				Pig 3 The 32 point direction Fig 4 The 36 point direction system appeniesed system on the 8 point system on the R point system

WAVE HEIGHT (from source decks 128 and 116)

AS RECORDED IN TABULATION (FEET)		49-60			61-70				71-86					707	
RANGE (METERS)	>14.75 to 15.25 >15.25 to 15.75		to	>18.25 to 18.75 >18.75 to 19.25		2 2	ţ		<b>†</b>		>24.75 to 25.25	25.75 to		/20.23 to 49.13/	Indeterminate=INDET
RECORDED CODE (HALF METERS)	331					42	43		47		5 5	22	6	88-50 -	Indeter
AS RECORDED IN TABULATION (FEET)	20-22	30 66	391	26-32			33-40			41-48					
RANGE (METERS)	>5.75 to 6.25 >6.25 to 6.75	>6.75 to 7.25	to	>7.75 to 8.25 >8.25 to 8.75 >8.75 to 9.25	2	to	>10.75 to 11.25	to:	>12.25 to 12.75	2	\$ \$				
RECORDED CODE (HALF METERS)	13	14	15	16 17 18	19		22 23 23		22			3			
AS RECORDED 1N TABULATION (FELT)	<b>1</b>	1-2	3-4	5-6	7	6 1 80		10-11	12		13-16		17-19		
RANGE (METERS)	<.25}	>.25 to .75}	>.75 to 1.25	>1.25 to 1.75}	>1.75 to 2.25}	>2.25 to 2.75}		>2.75 to 3.25}	 >3.25 to 3.75}	•	>3.75 to 4.25		>4.75 to 5.25	>5.25 to 5.75	
RECORDED CODE (HALF METERS)	8	01	05	03	04	05	}	90	07		80 0	3	01	11	

\*

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PERIOD: (PRIMARY) 1918-1973 (OVER-ALL) 1859-1973

**ξ** ,

TABLE 1

AREA 0008 WEST BORNED .7N 107.3E

PERCENT	FREDLENCY	36	<b>AFATHER</b>	BELUMRENCE	24	#1N2	DIRECTION

			7	RECIPI	TATIO	TYPE					OTHER	HEATHER	PHEND	MENA	
MAG CIR	RAIN	PAIN SHWR	PR7L	FA7G PCPN	SNOR	OTHER FRZN PCPN	HAIL	PCPN AT	PC"\ PAST HEUR	THOR	FOG NO PEPN	FOS WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
N	4.2	4.9	.5	.0	.0		.0	7.5	3.6	٥.	.0	٥٠	•0	• 0	68.8
NE	6.1	. 3	2.0	.0	.0	.0	•0	9.2	1.2	2.1	.0	•0	•0	•0	87.5
E	14.0	.0	.0	.0	.0	.0	• C	14.6	8.3	.0	•0	.0	•0	•0	77.1
ŠE	50.0	.0	.0	.0	.0	.0	. C	50.0	• 5	.0	٠.	.0	•0	•0	50.0
<u> </u>	11.0	8.6	. 0	.0	.0	.0	. c	20.6	.0	.0	.0	.0	.0	.0	79.4
Š'n	22.2	5.6	.0	.0	.0			27.6	22.2	.c		.0	.0	.0	50.0
•	11.4	11.4	.0	.0	.0		•0	72.9	•0	.c	.0	.0	•0	•0	77.1
Ñ.	3.4	6.9	.ŏ	.ŏ	.0		.č	10.3	5.2	ŭ		Ď	.0	ě	84.5
VAR	.0		.0		.0				.0	.0		٥٠	. C	•0	.0
									.0	20.0			•0		80.0
CALM	.0	.0	.0	•0	•0	.0	• C	•0	•0	20.0	•0		•0	•0	
TOT PCT	5.7	2.6	1.2	.0	•0	.0	•0	9.5	3.1	1.0	•0	•0	•0	.0	86.5

TARLE 2

### PERCENT FREQUENCY OF MEATHER OCCURRENCE BY HOUR

			•	RECIPS	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HGUR (GMT)	PAIN	PAIN SHWR	^R7L	FRZG PCFN	SNU#	OTHER FRZN PCPN	HAIL	PCPN AT UB TIME	PCPN PAST HGUR	THOR LTNG	FOG Y'G PCPN	FUG WD PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	ND SIC
00603 06609 12615 18621	6.3 3.1 5.1 8.4	3.9 3.1 1.0 1.9	1.0	.0	.0	.0	.00	10.9 7.3 6.1 13.1	1.6 4.2 3.1 3.7	1.0	.0	•••	•0 •0	•0	86.7 88.5 89.8 81.3
TOT PCT	5.8	2.6	1.2	.0	.0	.0	•C	9.6	3.0	.9	•0	•0	•0	•0	86.5

THREE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		w11	In Spe	ED 14%	STS)								HOUR	(G4T)			
FIG CHW	0-3	4-10	11-21	22-33	34-47	48+	THTAL	PCT FREQ	MF4N CQ2	90	0.5	06	09	12	15	18	21
N NE	1.0	21.7	14.0	1.0		•0		39.7 27.5	10.5	37.1 26.8	44.5	38.5	39.7 31.8	38.8	52.9 44.1	36.6	24.5
E	. 4	3.3	. 6	.0				4.3	7.6	4.1	1.7	7.1	2.0	1.0	1.0	4.3	7.7
ŞF	- 1	. 4	• ?			•0		8	7:4	1.8	• 0	1.4	.•0	0	•0	0	1.5
5	.3	1.2	. 3	• •		.0		1.5	7.5	2.4		1.7	1.7	2.4	•0	2.9	.9
S۳	.,	1.7	. 3	•0		•0		2.2	7.5	2.7	3.4	2.5	2.7	2.8	•0	1.8	
	- 1	2.7	. 4	• [	• 3	• 5		3.3	7,7	3.5		2.5	4+1	5.7	•0	5.3	1.5
Nw	1.5	12.2	3.2	•		•0		17.0	8.1	18.5	5.1	20.3	15.4	22.9	2.0	19.0	15.3
V AR	.0	• 0	• • •	٠,^	.0	•0		.0	.0	•0	• 5	.0	•0	•0	•0	.0	• 5
CALM	3.4							3.4	.0	3.0	•0	3.3	2.7	2.8	•0	5.1	6.1
TOT CBS	93	604	332	20	. 0	0	1049		9.3	169	59	180	148	141	51	138	103
TOT PCT	8.9	57.6		1.9		• 0		100.0		100.0	100.0	100.0	100.0	100.0	100.0		100.0

TABLE 3A

			SPEED 17-27	(KNCTS)	41.	TOTAL	PCT	MEAN	00	HDU1	C (GRT)	
HND DIR	0-6	7-16	11021	200	41+	282	FREG	SPO	53	09	15	18 21
	9.5	24.3	5.0	•	.0		39.7	10.5	39.0	39.0	42,6	39.2
٧E	7.3	17.0	3.1	• 1	.0		27.5	10.2	31.6	26.7	28.3	24.8
•	2.1	2.0	. 2				4.3	7.6	3,5	4.8	1.4	6.1
ŠE	.3	. 4		•0	:0			7.4	1.3		.0	
\$	.7	1.1	.0	.0	.0		1.8	7.6	1.0	1.7	2.1	1.8
<b>₹</b> ₩	1.0	1.1	•1	.0	.0		2.2	7.5	2.9	2.6	2.1	1.3
₩	1.7	1.5	. 1	.0	.0		3,3	7.7	2.6	3,4	4.2	3.2
NW	7.2	8.9	. 9	.0	.0		17.0	8.1	15.1	16.1	17.3	17.0
VAR	.0	•0	.0	•0	.0		•0	.0	.0	.0	.0	.0
CALM	3.4		• •				3,4	.0	2.2	3.0	2.1	5.6
TOT DAS	348	591	108	2	0	1049		9.3	220	324	192	301
TOT PCT	33.2	56.3	10.3	.2	•0	-	100.0			100.0		

JANUARY

PERIOD: (PRIMARY) 1918-1973 (GVER-ALL) 1859-1973

AREA 0008 WEST BORNED .7N 107.3E

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

						KNATS			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	<b>34=47</b>	48+	WEAN	ESES	085
20203	2.2	0.6	52.6	36.8	1.8	•0	.0	9.7	100.0	228
90360	3.0	5.2	56.1	32.9	2.7	• 0	٠.	9.5	106.6	328
12415	2.1	6.3	59.0	30.2	1.6	.0	.0	9.1	100.0	192
19821	5.6	4.3	51.5	27.2	1.3	.0			100.0	301
TOT	36	97	504	332	20	O	٥	9.3	•	1049
PCT	3.4	5.4	57.6	31.6	1.9	.0	.0		100.0	•

TAPLE 5

TARLE 6

	PCT FRI			CLOUD A		(EIGHTHS)		•								T,NH >		
WND DI	R 0-2	3-4	5-7	8 & 085CD	TOTAL PBS	CLOUD CLOUD COVER	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4997	1000 5499	6500 7999		NH 45/8 ANY HGT	
N	3.1	7.1	16.8	12.8		6.0	•0	•0	۰,0	3.3	6.4	3.3	2.1	•0	•0	•0	23.9	
NE	2.4	6.7	11.4	11.1		6.0	.6	• 17	.6	2.0	A . B	1.6	1.0	•0	.6	•0	15.6	
E	.0	.0	3.1			6.4	•0	.0	٥	.5	1.5			.0	• 0	.0		
šE	.0	.0	.0			.0	•0	•	.0	.0		.0	. 0	•0	•0	.0	.0	
Š	. 4	.4	1.6			6.3	•0	• 0	.0	1.6	.6	.0	.c	•0	•0		1.0	
54	-1	.1	.1	.7		6.3	.0	. 0	.0	.7	.0	•0	.0	•0	•0	•0	•:•	
		.0	1.3			6.2	•0	• 1	.0	•0	1.1	٠.		•0	•0	•0	1.8	
ÄV	1.3	2.1	6.7			5.8	•0	. 0	š	2.1	2.0		ě	• 5		ő	8.8	
VAR	.0						ě	.0	. 5				.5	·c	•0		٥.,	
						• 2			• .							• • •		
CALM	6	.0	1.7	•0 57		5.2	• 0	•0	•0	:0	•0	• • •	•0	• 5	•0	.0	1,7	. 74
TOT GO		29	75		176	6.0	1	0	. 3	. 19	36	11		Ō	. ?	O.	96	176
TOT PC	7 8.5	15.5	42.6	32.4	100.0		•6	•0	1.7	10.8	20.5	6.3	4,5	•0	1.1	•0	54.5	100.0

TABLE 7

CUMULATIVE	PCT FREU	OF SIMULTANEOU	S DCCURPENCE
OF CETET	IC HETCHT	INM SAZES AND	USRV /NM1

				VSBY (NM	13			
CEILING	e CR	= UR	■ DR	- PR	● GR	- DR	■ OR	■ GR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• DR >6500	1.1	1.1	1.1	1.1	1.1	1.1	17.1	1.1
• OR >5000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
<ul> <li>f)k &gt;3500</li> </ul>	3.5	5.5	5.5	5.5	5.5	5.5	5.5	2.4
■ DR >2000	7.7	11.5	12.1	12.1	12.1	12.1	12.1	12
■ UR >1000	10.7	20.6	31.9	31.9	31.9	31.9	31.9	31.9
■ DR >600	24.2	36.8	41.8	42.3	42.3	42.3	42.3	42.3
■ R >700	25.3	37.9	42.9	44.0	44.0	44.0	44.0	44.0
■ OR >150	25.3	37.9	42.9	44.0	44.0	44.0	44.0	44.0
- DR > 0	25.3	37.9	43.4	44.5	44.3	44.5	44.5	44.5
TOTAL	- 46	60	79	81	81		41	81

### TABLE 7A

### PERCENTAGE FREQ OF CON CLOUDS (EIGHTHS)

c	1	2	3	4	•	6	7	8 1	<b>BSC</b> D	OBS
2.1	7.8	19.7	12.4	13.5	10.4	9,3	6.7	17.6	. 5	193

							PAL	UARY							
PERSOD: (PRIMARY) (DVER-ALL)	1918-1973 1859-1973						TAS	LE A				ARE	A 0008	wEST .7N	BORNEO 107.3E
		•	FRCENT	FREG D PREGI	F WIND	DIRECTOR OF THE PROPERTY OF TH	TION V	ING V	URRENCE ALJES (	F OR N	NN-DCC	URRENC Y	E OF		
VSBY (NM)			NE	٤	SE	S	SH	W	few	VAR	CALM	PCT	TOTAL		
<1/2	PCP ND PCP	.0	.0	.0	•0	.0	9.	.0	.0	.0	•0	.0			
	TOT % PCP	.0	.0	.0	•0	•0	• • • • • • • • • • • • • • • • • • • •	•0	•0 •0	•0	٠٥	.0			
1/2€	1 NO PCP	.0	.0	.0	.0	•0	*0 *0	.0	•0	•0	•0				
1<2	PCP NO PCP	.6 .0	.1	•0	•0	.2	• 1	.e	•0	.0	•0	1.0			
	TOT \$	.6	.1	•0	.5	• 2	-1	.0	•0	•0	•0	1.0			
2<5	PCP NO PCP TOT %	1.5	1.0	.2 .2 .5	•0 •0	•0	•0	•0	.7 .3 1.0	•0 •0	•0 •? •0				
5<10	PCP NO PCP TOT %	1.4 10.1 11.5	1.2 8.2 9,4	.? .2 .4	•? •9 •2	•? •0 •2	•?	.2	.2 1.2 1.4	.0 .0	•0				
10+	PCP ND PCP TOT %	1.4 30.7 32.1	21.A 22.4	5.0 5.0 0	•0	.0 1.6 1.6	; Â	1.4 1.6	7.8 7.9	•0	1 • 2 1 • 2	2.6 67.2 69.8			
	TOT DBS	45.8	34.2	2.9	.5	2.0	1+1	2.1	10.3	.0	1 - 2	100.0	421		

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Ü

			ş	ERCENT W					VS WIR		€0		
VSBY (NM)	SPD KTS	14	*18	ε	SE	5	Sw	ď	NH	VAR	CALM	PCT	TOTAL Des
•••	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		٠	
	11-21	.0	.i	•0	.0	.0	.0	.0	.0	.0		•1	
	22+	.0	.0	.0	•0	.0	.0	•0	.0	.0		.0	
	TOT %	٠.	•1	•0	••	.0	•0	.0	••	.0	•0	•1	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	
1/2<1	4-10	.0	.0	.0	.0	.c	.0	.0	.0	.0		•0	
	11-21	.0	.0	•0	•0	.0	.0	.0	.0	•0		•0	
	22+	•0	•0	•0	•0	•0	•0	•0	• ?	٥.		.0	
	TOT %	•0	.0	•0	•0	•0	•0	•0	.0	•0	.0	.0	
	0-3	.0	.0	• 0	•0	.0	.0	•0	.0	.0	.1	.1	
1<2	4-10	- 4	.1	•0	•0	• 1	•	•0	•	•0		•7	
	11-21	• 1	.0	•0	•0	•0	.1	•0	.0	.0		,3	
	22+	.0	•0	•0	•0	•0	•0	•0	•0	•0		0	
	TOT %	.5	.1	•0	•0	•1	-2	•0	•	•0	•1	1.1	
	0-3	.0	.0	•0	•0	•0	•0	•0	•0	.0	.0	2.0	
2<5	4-10 11-21	1.0	1.2	•3	•0	•0	•0	.1	: *	•0		3.1	
	22+	1.1	1.2	.0	•0	•0	٠,			۰,0		.3	
	101 \$	2.2	2.5	.3	•0	•0	.0	. 2	.0 .8	.0	.0	0.0	
	0-3	•1	.2	.1	•1	.0	.0	.0	.0	.0	.0	.6	
5<10	4-10	3.8	2.4	.3	-1	.1	.2	.4	1.6	.0		9.3	
	11-21	4.5	3.5	•1	• 0	• 1	.0	• 0	. 5	.0		8.7	
	22+	.4	.2	•0	•0	.0	.0	•0	.0	۰.		.6	
	TOT \$	8.8	6.4	.5	•2	.3	•2	• •	2.3	.0	•0	19.1	
	0-3	1.0	1.1	.1	.0	.2	.2	.0	1.5	٠Ų	2.5	6.6	
10+	4-10	19.4	11.8	1.2	٠0	• •		1.ž	9.6	•0		44.9	
	11-21	11.2	7.9	,3	• 1	• 1	•		1.9	.0		21.9	
	22+	.0	3	.0	•0	•0	.0	.0	?	.0		3	
	70.	31.6	21.1	1.4	•1	1.2	1.0	1.5	12.9	•0	2.5	73.6	
	TOT ORS	43.1	30.3	2.3	.4	1.6	1.4	2.1	16.1	.0	9.7	100.0	713
	101 FC1	4201	30.3	217	• 4	7.4	***	•••	74.1		2.7		

PRAHHAL

PERIODI	-	P	RIP	AR	٧	)		19	1	1	9	7	3
		•					۰			 •	•		3

TABLE 10

APEA DOGS WEST BORNED .7N 107.3E

PERCENT	FREQUENCY	OF C#	ILING	HEISHT:	S (FECTANA	>4/81	440
	DCCUR	RENCE	OF N	4 <5/4	BY HOUR		

HOUR (GMT)	000 149	150 299	300 599	600 999	1000	2000 34 <b>9</b>	4500 4949	5000 6499	8500 7999	800D+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
50803	.0	.0	3.2	11.1	20.6	6.3	6.3	•0	3.2	•0	50.8	49.2	63
90340	.0	•0	2.4	14.3	16.7	9.5	7.1	• 5	.0	•0	50.0	50.0	42
12615	2.5	.0	.0	7.5	20.0	7.5	•0	.0	.0	•0	37.5	62.5	40
18821	.0	.0	•9	7.0	18.6	7.3	2.3	.0	.0	•0	30.2	09.5	43
727 727	.5	.0	3 1.6	19 10.1	36 19.1	12	4.3	.u	1.1	.0	61 43.1	107 50.7	100.0

TARLE 11

TABLE 12

		PEPCFNT	FREQUENCY	J\$BY	(NM)	BY HOUR		CUAULLY					1984 (PH)	
HOUR (GMT)	<1/2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TUTAL DBS</th> <th>43UR (6MT)</th> <th>&lt;150 &lt;50YD</th> <th></th> <th>&lt;1000 <b>&lt;</b>5</th> <th>1000+ AND5+</th> <th>NH &lt;5/8 AND 54</th> <th>TOTAL OBS</th>	2<5	5<10	10+	TUTAL DBS	43UR (6MT)	<150 <50YD		<1000 <b>&lt;</b> 5	1000+ AND5+	NH <5/8 AND 54	TOTAL OBS
00603		٠.	1.7	2.5	20.2	74.7	178	60300	•0	3.2	15.9	34.9	49.2	63
06239	•9	•0	1.0	5.7	15.6	77.6	192	90360	•0	2.5	25.0	32.5	42.5	40
12615	•n	•0	•0	8.0	20.7	71.3	150	12815	2.7	2.7	16.2	27.0	56.8	37
18621	•n	•0	1.5	7.4	20.2	70.9	203	19621	•0	.0	16.7	16.7	66.7	42
TOT PCT	.1	ن • ن	1.1	43 5.9	138	333 73.7	723 107.0	TST PCT	.5	2.2	33 18.1	52 28.6	97 93.3	182 190+0

TARLE 15

	AETH2	EXTREME	ES AND	PERCEN	TILES	OF TE	1P (DE	5 F)	Y HEUR		PER	ENT FRE	BUENCA	OF RELA	TIVE H	HIDITY	BY HOUI	ι .
HOUR (GHT)	MAX	995	95%	50%	54	7.4	41#	MEAN	TOTAL OBS	HJUR (SMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL Des
00203 00609 12015 18021	90 94 91 84	85 90 84 83	54 86 93 02	80 80 80	77 77 77	75 73 75 7•	69 73 75 72	80.2 81.4 60.1 79.5	230 327 191 302	0300 0300 12615 18221	.0	•0	2.1 3.4 .0 5.4	18.8 48.3 28.6 21.6	56.3 37.9 57.1 51.4	22,9 10.3 14.3 71.0	95 94 86	2° 35 37
TOT	94	87	84	80	77	75	69	80.4	1050	707	0	0	4	41	77	27	64	149

JANUARY

PERIODI (PRIMARY) 1918-1973 (UVER-ALE) 1859-1973

TABLE 17

ARSA 0000 MEST BORNED . 7N 107.3E

PCT FRED OF AIR TEMPERATURE (DEC F) AND THE DECUPRENCE OF FOR (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DISPERENCE (DEG F)

TIR-SEA	69 72	73 76	77 80	81 24	85	89 92	TUT	FOG H	#0 FDG
11/13	.0	.0	.0	• 2	.0	.3	3	٠,٥	3
7/8	.0	•0	.c	•0		3.	•	٠.	1.2
٤	٠,٧	• 0	.0	•0	.3	•0	1	• 0	. 3
	.0	• 3	. 3	. 5	. 3	.0	4	.0	1.0
•	• 0	•0	.5	1.7	. 5	.0	9		2.3
3	,0	•0	.6	1.5	. 5	.3	,	• 0	2.3
2	•0	•0		9.3	1.0	.0	40	٠Ċ	10.1
7	.0	.0	. 6	3.3	•0	.0	16	.,	4.0
ó	.0	.0	14.6	18,2	.3	.0	131	3.	33.1
-1	.0	.3	4.0	4 . R	. 3		37	•0	9.3
7.		.5		7.1		•0	75	. 5	18.9
-3	•0		11,4						
-3	•0	• 3	2.3	1.8	• 0	•0	17	•0	4.3
-4	.0	1.3		1.0	• •	• 0	38	•0	9.6
-5	•0		. 8	. 5	• • •	•0	9	•0	2.0
-6	.3	-3	.3	.0	.0	.0	3	.0	• 8
<b>≈7/-8</b>	.0	•0	. 8	• 0	.0	.0	3 3	.0	. 6
TOTAL	ĭ	- •	170	•	13		•	Ŏ	396
	•	13	• • •	194		5	394	•	
PLT	. 3	3.3	42.9	49.0	3.3	1.3	100.0		100.0

PERIJD: (GVER-ALL) 1963-1973

				pe	T FPEC I	SE WIND	SPFEC	(KTS) AND DIPE	CTION V	ERSUS S	EA HEIG	HTS (FT)		
				N		_					NE			
HGT	1-3	4-10	11-21	22-13	34-47	48+	PCT	1+3	4-10	11-21	22-33	34-47	48+	PCT
<1	•?	3.3	1.9	•0	•0	•0	5.3	1.4	0	. 3	•0	•0	.0	1.7
1-2	• 5	18.1	3.3	.0	•0	•0	21.4	1.1	10.	5.6	•0	•0	٠.	17.5
3-4 5-0	÷	5.6	6.7	•0	.0	•0	12.2	• 0	1.1	2.0	•0	•0	•0	3.9
	•3	1.7	• •	.0	•0	•0	7.5 1.9	•0	.3	.0	•0	•0	•0	.3
8-4	• 0	1.1	. 8	•0		.0		•0	0	1,1	•0	•0	•0	. • 3
10-11	٥.	.0	•0	.0	.0	.0	•0	.0	.0		•0	•0	.0	1.1
15	.0	.0	•0	.0	.0	.0	•0	•0	.,	.0	•0	•0	.0	.0
13+16	:3	3.	•0	.0	:	.0	•0	.0	.0	.0	.0	•0	:6	.0
17-19	.0	.0	•0	.5	;	.0	•0	ő	• 6	.0	.0	.0	.0	.0
20-22	š	.0	•0	.,		.,	•0	ň	.0	č	.0	• 5	.0	ŏ
23-25	.5	.0	•0	•3		.5	Š		.0	ŏ	.,	.0		.ŏ
26-32	.5	.0	.0	-0	•0	.0	•0	ň	ō	,0	.0	.0		• 6
33-40	Š	.0	•0	.5	• 13	• 0	•0	•0		·ō				• 6
23-48	.;	.0	.0	.0		•0	.0	.0	.0	.0	•0	•0	.0	•0
49-00		•0	•0	• 5	•0	.0	•0	.0	•0	.0	•0	•0		•0
61-70	.c	a.	•0	•0	.c	.0	•0	.0	.0	.0	•0	•0		•0
71-06	. 3	•0	• C		•0	•0	•0	.0	• 0	.0	•0	•0	.0	.0
87+	٠.6	• 0	•0	•0	•0	•0	•0	•0	٠ū	.0	•0	•0	.0	•0
TOT PCT	•0	29.7	13.4	•0	٠٠	-0	43.3	2.5	75.5	10.0	•0	•0	.0	24.7
HGT	1-3	4-10	11-21	£27-33	34-47	41.		1-3	4-10	11-21	3E 22-33	34-47	48+	
							PCT	10				.0		PCT
41 1-4	: 6	1.1	•0	.0	•0	ن.	1.9	.0	•0	•¢	.c 0.		.0	.0
3-4		.0	1.9	•0	.0	. t.	1.9	•0	•0	.0		•າ •ນ	•0	.0
5-4	. 5	3:		.0	: ,	.0	.0	.0	,0	.0	•0	•0	٠,٥	.0
77"		.5	•0	.0	٠	••	•0		,0	:0	:0	•0	.0	:0
8-9		.5	•0		, ñ	.0	•0	.0	.0			•0		.c
10-1	.c	•0	.0		•	• 5	.0	o c			.0	•6		·ŏ
12		.0	. 0		.0		ě.č	.0	•0		•0	•0		.0
13-16	. 5	.0	.0	•0	.0	•0	.0	.0	.0	.6		•5	.0	,0
17-19		.0	• •	.0	.0	•0	•0	.0	•0	.0	•0	•0	.0	.0
20-25	• ?	٥	•0	•0		•0	+C	•^	•0	.0	•0	•0	.0	.0
23-75	. '4	.0	•6	• 9	.0	•0	• 0	•0	•0	.0	•0	•0	• 3	•0
20332	. 5	.0	.0	•0	.0	•0	.0	•0	•0	.0	.0	•0	•0	•0
33-44		-0	•6	•0	• 2	•¢	.0	• 0	•0	.0	•0	•0	•0	•0
41-4	.5	.0	•1•	•0	•0	-C	•0	•0	•0	.0	•0	•0	.0	•0
49-69		٠.	• 1	• 0	• ?	•0	•0	•0	•0	.0	•0	•0	.0	•0
61-70	• 2	-0	•0	• 0	• 0	•0	•0	•0	.0	.0	.0	•0	.0	.0
71-46	• :	٠,	• *	•0	•6	•0	•0	• 7	•0	.0	•0	•0	•0	•0
874	• •	•0	0	•0	• (	•0	•0	•0	•0	.0	•0	•0	•0	•0
TOT PCT	. 4	1-1	1.9	• 0	• າ	•0	3.9	•0	•0	•0	•0	•0	•0	•0

									JANU	ARY							
PER100:	(DAF#	-ALL)	1403-1	9/3				TABLE		CONTI				AREA		.7N 107	
				91	T FREU DE	NINO	SPEED	(KTS)	ANP	DIREC.	TION	VEPSIIS S	EA PEIG	HTS (FT)			
				s									Sw				
HGY	1-3	4-10	11-21	22-13	34-47	48+	PCT			1-3	4-10		22-33	34-47	48+		
<1	1.1	.0	•0	•0	•0	•0	1.1			•0	•0		•0	•0	•0		
1-6	• 0	1.7	•0	•0	•0	•0	1.7			•0	6		•0	•0	•0		
3-4	•0	1.9	1 • 1	•0	•0	•0	3.1			•0	1.4		•0	•0	•0		
5-6 7	.0	•0	9.	•0	•0 •0	•0	.0			.0	.0		•0	•0	.0		
8-9	.0	.0	•0	.0		.0	.0			.0	•0		•0	•0	.0		
10-11	.5	.0	.0	•0		.0	.0			o	0		.0	.5	:0		
12	·c	.0	• 6	•0		•0	c			. 2			•0	.0	.0		
13-10	.0	.5	40	.0	٥		.č			Ď			ě	.0	.0		
17-19	. 0	.0	.0	.0	.0	.5	.0			ö	. 5			• 6	.0		
20-22	.0	.0	.0	.0	. 5	.0	.0			. 0	.0		.0	.0	.0		
23-25	• 3	.0	•0	.0		•0	.0			. n	.0		• 0	•0	.0		
26-32	.0	.0	• (*	•0	.0	٠٥				.0	•0	• • • •	•0	•0	.0	.0	
33-40	• 0	.c	•0	.0	٠,	•0	•0			•0	• 0		•0	•0	.0		
41-48	• 0	.0	•0	•0	• (*	.0	• 0			•0	•0		•0	•0	.0		
49-60	•0	.0	•0	-0	• ^	•0	•0			•0	• 0		•0	•0	.0		
61-70	.0	•0	•0	•0	•0	•0	• 0			•0	•0		• 0	•0	.0		
71-86	.0	.0	•0	.0	2•	•0	+0			•0	•0		•0	•0	.0		
87+		.0	0	•0	.5	• • •	-•0			•2			•0	•0	.0		
TOT PCT	1.1	3.6	1.1	•0	•	•0	5,8			.9	1.4	•0	•0	•0	•0	1.9	
				~									NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT			1-3	4-10	11-21	22-33	34-47	484	PCT	PCT
<1	.0		.0	.0	•^	.0	. 0			.0	1.1		0.0	•0	.0		. • .
1-2	.0	1.1	, 0	•0	٠.	.0	1.1			2.2	1.1		•0	•0	.0		
3-4	.0	.0	.0	.c		•c	.c				3,3	3.1	•0	•0	.0	6.4	
5-5	٠.	.0	1.1	•0	.0	-0	1.1			•0	2.5	1.4	•0	•0		3,9	
7		.0	.0	•0	•′	•0	•0			•0	•0		•0	•0	. 0		
8-7	• 0	.0	•0	•0	.0	•0	.0			•0	• 0		•0	•0	.0		
10-11	• 0	•0	•0	•0	• 6	•0	.0			•0	-0		•0	•0	.0		
12	•0	-0	•0	•0	•0	•0	٠.			• C	•0		•0	•0	.0		
13-16	.0	.0	•0	•0	•0	•0	•0			•0	• 0		•0	•0	• •		
17-19	٠.	.0	•0	•0	• ^	•0	٠,			•0	•0		•0	•0			
20=22 23=25	.0	•0	•0	•0	.0	.0	•0			•0	• 0		•0	•0			
26-32		.0	•0	•0	ř	.0	• 6			•0			•0	•0	• •		
33-40	:0	.0	•0	•0	•	.0	.0			•0			•0	•0	• 0		
41-48		:0	.0	č	:(	۲.				Č				•0	:		
49-60	.0		.0	.0			Ċ			,			٥:	.6			
61-70	ě	.č	.0	.0	ř		• 0						.0	.0			
71-86			.0	.0	. 5					.0			.0	•0			
87+	.5	.0	•0	•0		•0	.0	1		.0	• (		•0	•0			
TOT PCT	. c	1.1	1.1	•0	.0	.0	2.2			2.2	. 3	5.6	•0	.0	. (	15.0	97.8

	wIND	SPEED	(KTS)	VS 4E4	HEIGHT	(FT)		
HET	0-3	4-17	11-21	22-33	34-47	48+	PCT	TOT
</td <td>7.4</td> <td>5.3</td> <td>2.1</td> <td>• 0</td> <td>.0</td> <td>.0</td> <td>14.9</td> <td>-62</td>	7.4	5.3	2.1	• 0	.0	.0	14.9	-62
1-2	4.3	33.0	8.5		.0	.0	45.7	
3-4		12.5	14.9		. 6		27.7	
5-6		4,3	3.2		.0		7.4	
770	.0	1.1	1.1		.0	.0	2.1	
			***	• •				
8-9	.0	•0	2.1		•0	.0	2.1	
10-11	.0	•0	.0	•0	.0	.0	.0	
12	.0	• 0	٠.	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	• 0	.0		.0	.0	·u	
20-22	.0	.0	.0		.0		.0	
23-25	.0	• 0	.0		.0		.0	
26-32	.0	.0			.0		.0	
33-40	.0	•0	•6		•0		.0	
41-48	.ŏ	ě					.0	
49-60	٠.	•0	•0		•0		•0	
61-70	.0	• 0	•C	•0	•0	.0	.0	
71-86	.0	•0	.0	.0	.0	.0	.0	
87+	.0	•0	.0		.0	.0	.c	
			- •	•		• • •	• • •	94
TCT PCT	11.7	50.4	31.9	.0	.0	.0	100.0	

PERIOD: (DVER-ALL) 1949-1973'

TABLE 19

PERCENT EMEGUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) ## 10-11 .6 .0 1.3 .0 101 26 17 2 2 2 2 100 100 0 MEAN HUT 3 5 7 3 7 -46 49-60 61-70 71-86
-3 .0 .0 .0
-9 .0 .0 .0
-0 .0 .0 .0
-0 .0 .0 .0
-0 .0 .0 .0
-0 .0 .0 .0
-0 .0 .0 .0
-0 .0 .0 .0
-0 .0 .0 .0
-0 .0 .0 .0 87+ .0 .0 .0 .0 .0 .0 6.3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .18 23.8 1.9 .0 .6 .0 .0 1.9 43 28.1 3-4 23.1 5.6 1.9 .0 .0 .0 5-6 8.1 3.8 .6 .0 .0 .0 1.3 3.8 6.3 .0 1.3 .0 .0 20 ....... 0000000000 ......... 2000000000 000000000 ...... 000000000 000000000

SFRRUARY

PERIOD: (PRIMARY) 1920-1973 (OVER-ALL) 1956-1973

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TASLE 1

AREA 0008 WEST SOKNED .7N 107.4F

PERCENT FREQUENCY OF MEATHER OCCURPANCE BY WIND DIRECTION

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHENO	MENA	
MMO DIR	RAIN	RAIN SHWR	DR7L	FRZG PCPN	SND#	OTHER FRZN PCPN	HAIL	PCPH AT OB TIME	PCPN PAST Hour	THO? LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
N	2.1		6	.0	.0	.0	.0	3.3	• 6	1.6	.3	.0	1.0		92.0 92.7
NE E	22.7	1.1	1.9	.0	.0	.0	.0	6.5 25.8	6.1	*:0	.0	.5	•0		68.2
ŠF		••		:6	.0	.0	:0	.0	• • •	.0	.0		•0		100.0
	•0	.0	.0												100.0
S	•0	.0	.0	۰,	.0	.0	٠.	•0	0	.0	.0	•0	• 0		
S.	.0	.0	۰.	.0	• 0	.0	•0	.0	28.6	•0	•0	.0	•0	•0	71.4
W	.0	.0	-0	.0	.0	.0	.0	.0	•0	• 9	• • •	•0	•0		100.0
Ne	1.4	.0	.0	.0	.0	.0	• C	1.4	•0	.7	•0	.0	.7	•0	97.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	• 0	.0	. 0	.0	.0		.0
CAL"	•0	•0	.0	.0	.0		•0	.0	•0	25.0	•0	.0	•0		75.0
TOT PCT TOT CBS:	3.2 432	.7	1.2	.0	•0	.0	•0	5.1	.7	1.6	•2	••	.5	,5	91.7

TABLE 2

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	4 TYPE					OTHER	HEATHER	PHENO	HENA	
HOUR (GHT)	RAIN	#AIN Shwr	DR7L	PRZG PCPN	SNCW	OTHER FRZN PCPN	HAIL	PCPN AT DB T14F	PCPN PAST HOUR	THDR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLW( DUST BLWG SYCW	NO SIG WEA
C0603 06609 12615 18621	3.3 5.6 1.0 3.7	.0 2.0 2.9	.0 .9 2.0 1.9	.0	•0	•0	.c .o .c	3.3 6.5 4.9 6.5	.8	2.9 3.7	•0	•0	.8 .0 1-0	•8 •0 •0	94.3 92.5 91.2 87.9
TOT PCT	3.4	.7	1.1	.0	•6	•0	٠.	5.3	•7	1.6	•5	•0	.5	.5	91.6

TABLE 3

PERCENTAGE FREDUENCY OF WINT DIRECTION BY SPEED AND BY HOUR

WHO DIR	0-3			ED (KN) 22-37		48+	TOTAL OBS	PCT FREQ	PFAN SPD	00	c3	06	HOUR 09	(GHT) 12	15	18	21
N NE E SF SW H IN VAR CALM TOT OWS TOT PCT	2.7 2.6 .4 .3 .5 .5 .5 .8 .0 4.4 129 32.8	22.9 22.4 4.1 1.5 .7 1.4 8.1 .0	11.2 9.8 .8 .1 .2 .3 2.2 .0 25r 24.8	.4 .3 .0 .0 .0 .0	•0	000000000000000000000000000000000000000	1009	37.2 35.2 5.4 1.9 1.1 1.5 2.2 11.2 .0 4.4	9.2 9.0 7.2 5.9 4.5 5.5 6.7 7.8	32.8 34.8 7.0 2.2 .0 1.9 3.0 13.3 .0 4.4 100.0	31.8 47.0 11.6 4.2 1.7 .0 2.5 .0 1.7 59	41.4 33.4 6.5 1.9 .6 .3 11.0 11.0 3.9 181	41.1 34.6 4.9 2.0 1.6 3.3 2.0 9.6 .0	39.2 28.6 4.3 .5 2.0 4.1 16.1 4.6 151	39.5 53.9 1.3 .0 .0 .0 .0 5.3 .0 .0 38 190.0	30.0 31.1 3.7 2.1 1.8 2.5 2.5 13.5 0.7 163	34.0 40.7 4.1 1.9 1.5 .7 2.2 7.5 .0 7.5 134

TÁRLE 34

WND DIR	0=6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL Des	PCT FREQ	MEAN SPD	00 03	HBUR 06 09	(GMT) 12 15	18 21
N NE F SE S S NW VAR CALM TOT DOS TOT PCT	12.0 11.5 3.0 1.2 .9 1.2 1.2 5.3 .0 4.4 410	22.8 21.7 2.2 .7 .1 .3 1.0 5.5 .0	2.5 2.1 .0 .0 .0 .0 .0	••••••		100*	37.2 35.2 5.4 1.9 1.1 1.5 2.2 11.2	9.2 9.0 7.2 5.9 4.5 5.5 6.7 7.8	32.5 38.1 0.1 2.7 .9 1.4 2.2 10.4 .0 3.7 219	41.3 33.9 5.8 2.0 1.0 1.5 10.5 2.6 304	39.3 33.7 3.7 .4 .4 1.6 3.3 13.9 0 3.7 189 100.0	35.1 35.4 3.9 2.0 1.7 2.4 10.8 7.1 2.97

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PERIUD: (PR|MARY) 1920-1973 AREA 0008 WEST BORNEO (OVER-ALL) 1856-1973 TABLE 4 .7N 107.4E

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

				HIND	SPEEL (	KNRTSI			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN		กธร
00603	3.7	9.6	03,5	21.9	1.4	.0	.0	8.2	103.0	219
96609	2.6	0.3	62.8	27.6	.7	•0	.0		10G.0	304
12615	3.7	7.4	62.4	25.9	.5	.0	.0		100.0	189
18621	7.1	10.4	58.6	23.2	. 7	.0	.0		100.0	297
TOT	44	85	622	250	8	0	0	8.2	••••	1009
PCT	4.4	8.4	61.6	24.8		٠.	. 5	•••	100.6	

TARLE 5

	CT FRE			CLOUG 4 D DIREC		(EIGYTHS)		(	PE=CEN	TAGE F	REQUEN	CY OF	CELLIN	G HE16	HTS (F	TANH :	4/8} N	
FIG DN4	0-2	3-4	5-7	a & rascr	TOTAL	CONEM CFOND HEWN	000 149	150 299	300 499	600	1000	2000 3499	3500 4999	5000 6499		- ·		
N NE	7.1	3.9 6.2	24.5	8.2 6.7		5.5 5.6	•0	•0	1.2	4.5	5.2 4.8	2.6	1.0	• 2	•0	•2		
E SE	1.0	.0	.0	1.0		5.1 3.5	•0	• ?	.5	.0	• • • • • • • • • • • • • • • • • • • •	•0	2.6 .C	•0 •0	•0	.0 .0	1.5	
\$ \$*	.c	0.0	•0	•0		7.0	• 0	.6	c	.0	0	9		•0	• 6	•0	.0	
NH	1.9	. 9	5.3	1.7		5.9 5.4	•0	•0	• 1	.4	1.0	117	.0	.0	• 0	.3	1.5	
VAR CAL*	.0	.0	1.0	1.0		•0 5•5	•0 •¢	•6	•0	.0	0.0	•0	.0	•0	•0	.0	2.1	
TOT PET	28 14.4	12.4	104 53.6	38 19.6	10.0	5.5	•0	•5	2.1	9.3	24 12.4	6.7	7 3,6	•0	•0	.0	127	194 100.0

TABLE 7

CUMULATIVE PCT FREQ OF RIMULTANEOUS DECURRENCE OF CELLING HEIGHT (No DAZE) AND VSBM (NM)

				VSBV (14	11			
CEILI*G	■ 78	= OR	• CR	ng.	• DR	• 3R	- DR	• DR
(FEFT)	>10	>>	>2	>1	>1/2	>1/4	>50YD	>0
• DR >6500	.0	•0	.0	.0	.0	.0	•0	.0
<ul> <li>ER &gt;5000</li> </ul>	.0	.0	•0	.0	. (	.0		
<ul> <li>□ OR &gt;3500</li> </ul>	3.6	3.6	2.6	3.6	3.6	3.6	3.6	3.6
<ul> <li>PR &gt;2000</li> </ul>	0.1	9.1	10.2	15.2	10.2	12.2	10.2	. 0.2
■ CR >1000	17.8	21.3	22.0	22.8	22.6	22.8	22.8	22.8
± ПR >600	74.4	30.5	32.0	32.0	32.0	32.0	32.0	32.0
<ul> <li>□ DR &gt;300</li> </ul>	22.9	32.5	34.0	34.0	34.0	34.0	34.0	34.0
• MR >150	26.4	33.0	34.5	34.5	34.5	34.5	34.5	34.5
• (7R > 0	26.4	33.0	34.5	14.5	34.5	54.5	34.5	34.5
TOTAL	52	65	6.0	AB	60	58	68	68

TUTAL NUMBER OF OBS: 197 PCT FREG NM <5/81 65.5

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

7 1 2 3 4 4 6 7 8 DSSC DSS 2-9 14-2 20-1 10-6 10-9 11-9 9-9 5-6 7-8 -0 206

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PERIUD: (PRIMARY) 1920-1973 (CVER-ALL) 1856-1973 AREA DUCS WEST BORNED .7N 107.4E PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF PRECIPITATION WITH VARVING VALUES OF VISIBILITY VSEY (NH) VAR CALM PCP C1/2 Nn PCP TOT 3 000 .0 .0 .0 0.0 .0 .0 •0 •0 .0 .0 ... ... .0 .00 •0 •0 .0 .2 .0 PCP NO PCP TOT % .0 •0 .0 •0 •0 1<2 .5 333 .° .° .0 .0 •0 •1 •1 SC10 NO PCP TOT % 4.4 6.3 •0 •0 .6 .1 1.9 2.0 PCP .7 .5 NO PCP 30.1 33.2 TOT % 30.9 33.7 .6 .6 2.3 1.0 2.9 1.0 •0 .0 1.4 1.6 76.6 1.6 73.0

TOT 085 TOT PCT 3#.9 42.1

3.5

PERCENT FRED OF MINT DIRECTION VS WIND SPEED

.8 2.1

8.4

1.9 100.0

					ITH VA	RYING	VACUE	S OF V	ISIBIL	I TY	• • •		
V58Y	CEZ	N	4.5	F	S.E	s	SH		NW	VAR	CALM	PCT	TUTAL
(44)	KTS												DBS
	<b>j</b> ≁3	٥.,	.0	.0	٠.	٠.	٠.	•0	.0	.0	.0	.0	
C1/2	4-10	-1	.0	. 2	.0	.0	.0	.0	.0	.0		. 8	
	11-21	. 0	. ၁	٠,	.0	٠.	•0	.0	.0	.0		٠.٥	
	22+	٠.	.0	• 0	• 0	•0	. ;	.0	.0	٠.		٠,	
	TOT %	•:	.5	• 2	•0	•0	.0	.0	. 7	.0	•0	. 6	
	0-3	.1	.0	•0	•0	.0	-1	- 1	• 0	.0	.0	.3	
1/2<1	4-16	.0	-1	• 0	•0	.0	•0	٠.	.0	.0		.1	
	11-71	٠.	.0	•0	•0	•0	.0	•0	• 0	٠٥		.0	
	22+	٠,	. 0	• 0	• 0	.0	•0	•0	.0	.0		.0	
	TOT %	. 1	•1	•0	•0	•0	-1	.1	.0	۰.	•0	.4	
	0-3	. 1	.0	•0	.0	.0	.0	.0	.0	.0	.0	.1	
.<2	4-10	- 1	• 1	•0	• 1	.0	.0	• 1	• 1	.0		, 6	
	11-21	• 0	•0	• 0	•0	•0	-0	• 1	•1	.0		• 1	
	22+	. 3	.3	• 0	•0	•0	•0	.0	• 0	.0		. 6	
	TOT %	.5	.4	•0	- 1	,0	•0	.2	-1	.0	٠.	1.4	
	0-3	•0	•1	•0	.0	.0	.0	• 3	.0	٠.	.0	.1	
2<5	4-10	• 7	. 8	• 1	• 4	• 1	• 1	• • •	• 0	.0		2.3	
	11-21	-1	.4	•0	.0	.0	.1	.0	. 1	. U		.0	
	22+	.0	.0	• 0	•0	•0	.0	• 0	•0	•0		.0	
	TOT \$	.9	1.4	•1	• •	• 1	.3	.0	-1	.0	.0	3.3	
•	0-3	5	• 1	•0	•0	•0	•0	. 3	.0	.0	.4	1.3	
5<10	4-10	3.4	4.2	• 5	.3	•0	• •	- 1	1.0	.0		9.5	
	11-21	2.2	1.1	• •	•0	•0	• 1	-1	.6	.0		4,5	
	107 %		- 1	• 5	.0	•0	٠,	• 2	. • ?	.0		3	
	101 %	6.2	5.6	. 4	.3	•0	-1	.6	1.5	.0	•	15.6	
	U-3	2.2	2.4	.3	• •	. 3	.4	- 1	. 8	.0	7.8	4.6	
10+	4-10	20.2	70.3	2.0		.3	• •	• 7	6.3	.0		51.6	
	11-21	0.3	7.6	• 1	•0	.0	• 1	.2	.7	.0		17.0	
	42+		.0	0	• ¢	. 5	.0	.•0		••		1	
	TOT &	30.8	10.2	3.3	1.1	••		1.0	7.8	.6	2.8	78.5	
	nt ans					_							707
1	nt Pct	18.6	18.3	4.4	1.9	•7	1.3	1.4	9.6	•0	3.3	100.0	

FERRUARY

PERITO: (PRIMARY) (PVER-ALL)	1920-1973 1856-1973	TARLE 10	APEA cons	WEST BORNED

PERCENT PREQUENCY OF LETTING MELIGHTS (FEETANG >4/6) ALO OCCURRENCE OF NH <5/8 by HOUR

48UR (GKT)	000 149	150 299	300 599		1000 1944				630n 7444	800G+	TOTAL	4H <5/6 1NY 4GT	TOTAL
00603	.0	1.7	1.7	8.5	20.3	5.1	3.4	.0	٠,	•0	40 7	59.3	59
<b>PC367</b>	٥.	.0	5.8	3.8	9.6	7.7	7.7	•0	•4	•0	34.6	65.4	52
12615	.0	.0	.0	17.5	15.0	2.5	.0	.0	•0	•0	35.0	64.0	•0
18821	.0	•0	•0	7.7	3.6	9.6	1.9	.0	•0	•0	23.1	76.9	52
TOT	0	.5	2.0	18	25	13	7	.0	9	.0	33.5	135	203

				TARLE 1	1						TABLE	12		
		PEPCENT	FRFOI EN	CY V\$84	(44)	AY HOUR		CUPULAT					CMF) YBZV RUCH YB.C	
FEUR (G™T)	€1/2	1/2<1	147	2<5	5<10	10+	TOTAL CBS	HGUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND3+	NH <5/8 AND 5+	TOTAL Des
01603	1.7	.6	1.7	1.2	11.5	93.7	172	50300	.0	3.5	12.3	29.8	57.9	57
96809	. 5	.0	1.6	2.2	11.5	34.1	182	90380	.0	5.9	11.8	23.5	64.7	51
12615	.7	.0	1.9	4.0	20.0	74.0	150	12615	•0	.0	20.5	15.4	64.1	39
18621	. 4	1.0	1.0	5.3	20.1	72.2	209	16231	•c	•0	10.0	14.0	76.0	50
TST PCT	. 9	3	10 1.4	23 3.2	112	559 78.4	713 100.0	121 PCT	ۍ ٥٠	2.5	26 13.2	42 21.3	129	197 100•0

				7.	ARLF 1	3									TABLE	14				
	PERC	ENT FRE	OUENC	/ JF #	EL 2714	E MUPIC	DITY BY	7546	TOTAL	PCT		56.0	E4:7 #86	QUENCY	OF WI	40 01	RECTIO	N BY T	EMB	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FRED	N	46	E	\$£	S	5 W	4	NH	VAR	CALM
90/94 85/89	.0	•0	•0		•	4.2	.0 1.2	•0	11	. 6 6. 6	.6 3.9	1.5	1.2	.0	.0	.0	.0	.0	•0	.0
80/84 75/79	.5	.0	.0	•0	1.7	27.2	39.5	7.2	117	70.1	28.6 10.5	7.8	1.0	.6	.0	.6	2.8	7.9 1.8	•0	9.6 0.
TOTAL PCT	, .0	.0	•0	1	2.4	4 <b>8</b> 28 <b>.</b> 7	87 52•1	27 16•2	167	100.0	43.6	34.1	4.3	.6	.5	.9	3.1	9.7	•0	3.6

				TAI	1F 15									TABLE	16			
	MEANS,	EXTREM	ES AND	PFRCE	TILES	0F TE	MP (DE	G F) 8	אטפא צו		PERC	ENT FRE	<b>JUENCY</b>	OF RELA	TIVE H	UMITITY	84 4004	
HOUR (G#T)	MAX	998	95%	50%	54	14	MIN	MEAN	TOTAL CBS	HOUR (GMT)	0-29	30-59	60-09	70-79	80-89	90-100	MEAN	TOTAL
00603	10	88 93	84	81 82	77 78	75 75	73 75	80.6	218 301	60200 90300	•0	2.4	7.3	23.4	61.7 34.1	14.9	84 78	47
12615 18621 TOT		86 83 80	84 82 85	81 80 81	77 76 77	73 73 75	73 72 72	80.8 79.7 80.8	167 296 1002	12615 16621 TOT	•0	•0 •0	2.9 •0	28.6 16.3	54.3 57.1 90	14.3 26.5 28	82 85 82	39 49 172

FEBRUARY

PEKIUC: (PRIMARY) 1920-1973 (OVER-ALL) 1856-1973

ABLE 17

FEA 0008 WEST BORNED .7N 107.4E

PCT FRFO OF AIR TEMPERATURE (DEG F) AND THE CCCUMMENCE OF FUG (WITHOUT PRECIPITATION)
VS A\*\*-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	44	89	TOT	×	MU
THP DIF	76	80	84	84	92		FÖG	FÜ.
14/16	.0	•0	.0	٠.٥	. 3	1	• 6	.3
11/13	.0	•0	.0	• 3	•0	1	• 0	. 3
9/10	.c	•0	.0	. 3	•0	i	.0	ė.
7/8	.0	•0	٥,	.3	. 5	3	• ?	
6	.0	.0	.0	. 5	.0	2	.0	.5
3	.0	• 5	. 5	. 8	. 3	ă	• 0	2.1
		•0	2.3	1.5	.0	15	.0	3.9
			3.	1.0	.0	7	.0	1.8
5	. ŏ	.5	7.5	1.2	٠.	35	• 0	9.0
ì	.0	1.0	7.2	, A	• 2	35	• 0	9.0
3 2 1 0	1.5	9.3	23.1	'n	.0	132	. 3	33.7
-1		3.9	6.4	. 0	.0	40	•0	10.5
-2	1.3	6.5		.0	20	70	• 5	18.0
-3	.3	3.1	1.3	.0	. 0	18	. 0	4.6
-4	. 6	2.8	1.0	.0	.0	18	.0	4.0
-5	. 3	•0	.3	.0	.0	- 2	• 0	. 5
-6	.0	.3	.0	•0	•0	ī	• 0	.3
TUTAL	10		428	• •		-	ì	384
	•	116		25		389	•	
867				4 6	1 0	120 0	. 2	99.7

PERIOD: (DVER-ALL) 1963-1973

TABLE 18

18.59 7 on career coor coor or no 1 -3 concentration of the conc HGT <11-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-32 20-32 20-32 41-48 47-00 71-86 77-87 70-7 + 000000cc0cc0cc0cc0c HGT
<1
1-2
3-4
5-4
7
8-9
10-11
12
13-16
17-19
23-25
26-32
33-25
49-60
61-70
71-86
87+
TOT PCT 34-47 

PERIJDI	t thus a		1043-1	472				FEBR	UARY				4454	0598	WEST 80	NEO
A641301	1046.	4(. )	1703-1	4/3				TABLE 18	(CCPT	)					.7N 107	
				P¢	T FREO	OF WIND	SPSED	(KTS) AND	DIRE	TION V	ERSUS S	EA HEIG	HTS (FT	)		
	1-3	4-10	11-21	S 22-33	34-47	48+	PET		1-3	4-10	11-21	5w 22-33	34-47	45+	PCT	
HGT <1	.6	75.0	11-21	.0	.0	•0			,,0	40.0	.0	.0	.0	.0	-00	
1=2	.0	.0	.0	.0		.ŏ	.0		. 0		ě	.ŏ	.0	.õ		
3-4			.0	.ŏ	.0	.0	ě		Ö	.0	.0		ěŏ		.0	
5-6	.c	.0		.5	Ċ		0		'n	.0	.5	.0	.0	.0	.0	
7	.e	.0	.0	.0	.0	.0	.0		.0	.0	.6	.0	•0	.0	•0	
8-9	.0	.0	•0	.0	.0	.0	.0		۰,0	•0	.0	.0	•0	.0	.0	
10-11	.0	.0	.0	.0	٠,	•0	.0		.0	•0	.0	.0	•0	.0		
12	.0	.0	.0	• 0	• (3	٠.	•0		• 0	•0	•0	•0	•0	.0		
13-16	•0	•0	•0	• 0	•0	•0	• 0		•0	•0	•0	-0	•0	.0		
17-19	• G	.0	•0	•0	• (2	•0	•0		• 9	•0	•0	.0	•0	.0		
20-22	•0	•0	•6	.0	٠.0	•0	د ه		•0	•0	•0	.0	•0	•0		
23-25	• 0	.0	• 0	•0	.0	•0	•0		•0	•0	.0	•0	•0	.0		
26-32	•0	.0	•0	.0	•0	.0	.0		•0	.0	•0	٥,		.0		
33-40	.c	.0	.0	•0	.0	.0	٠. ن		.0	.0	.0	.0	•0	:0		
41-48 49-40	.0	.0	• 0	•0	.0	.0	.0		'n	.0	.0	.0	•0			
61-70	.0	.0	.0	.0	.0	.0	.0		.0	ŏŏ	ě		.ŏ			
71-86	.0	.ŏ	Ö	.0	ř	.0	۰،		ő	ű				.0		
87+	.0	.č	.0	.0	٠.	•0	.0		.0	.0	.0		•0	.0		
TOFFCT	.0	.0	•0	.0	.0	.0	.0		.0	. 6	.0	.0	•0	.0		
				e e								با				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	46+	PCT	PCT
<1	.,	.0		٠,			.0		.^	1.4	.0	20	• 0	.0	149	•
1-2	• 5	1.3	.0	.0	. 0	•0	1.3		.0	2.5	. 6	.0	.0	.0		
3-4	.0	.0	.6	•0	•0	٠.	.0		. 2	. 2	.6	.2	• 6	٠.	1.3	
5-4	. 0	.0	•0	-0	• "	• 6	• 0		•0	•0	•0	•0	•0	•0		
7		.0	•0	•0	•0	•0	•0		. 1	•0	•0	•0	•0	.0		
8-9	• •	.0	•0	•0	•0	• ()	• C		•0	•0	•0	.0	•0	.0		
10-11	•0	.0	•0	•0	• 2	•0	• 0		• 2	•0	•0	•0	•0	•0		
12	• 2	.0	•0	•0	2•	•¢	•c		٠'n	٠.	•0	•0	•0	•0		
13-16	.0	٠,	•0	•0	•0	•0	•6		.0	•0	•0	•0	•0	.0		
17-19	•0	•0	•0	•0	•0	•0	•0		10	•0	•6	•0	•0	.0		
20-22	•0	•0	•0	• 2	.0	•0	•0		.0	•0	•0	•0	•0	.0		
23-25 26-32	.0	.0	•0	•0	•0	•0	•0		.0	ŏ	•0	.0	.0	.0		
33-40	.0	.8	•3	.0	.5	.0	ěč		.0	•,	.0	.0	•0	.0		
41-48	.5	.0	• 6	.0	.0	.5			.0	ڏ.	.0	.5	•0	.0		
49-50			.0	•0		.0	.ŏ		ໍ້າ		.0	.5	•0	.0		
31-70	.,		.0	.0		ě			ó	٠٠	.0	.0	• • •			
71-86		.5	•0	.0		•0	• 5		•0	.0	•0	.0	•0			
67+		.0	•0	.5	.5	• 5			•^	, ,	.0	.5	•0	.0		
TOT PCT		1.3	.6	•0	• 2	•0	1.9		.2	4.6	1.5	.2	•0	•0		96.6

TO THE THE THE PARTY OF THE PAR

	GPIN	SPEED	(KTS)	V\$ 5E4	HEIGHT	(FT)		
HET	0-3	4-10	11-21	22-33	34-47	48+	PCT	TST
<b>c</b> 1	5.8	7.4	.0	.0	.0	.0	13.2	.,,,
1-2	4.1	31.4	9.1	.0	.0	.0	44.6	
3-1		12.4	21.5	. 8	.0	.0	45.3	
3-6		. 0	5.8	, n	.0		3.0	
7	.0	.0	. 6	.0	.0	.0		
8-9	•0	.0		.0	. 5	.0	.0	
10-11	.0	.0		.0	.0	.0		
12	.0	.5		. 5	. 5		.0	
13-16	.c	.0		.0	.0			
17-19	.0	.0				.0		
20-22	.ŏ	٠٥	. ö	ő		.0	ĕ	
23-25	.0	•0	.0	ŏ	.0	.ŏ	:6	
26-32	.0	.0	.0	ŭ	·õ		.ŏ	
33-40	.0			.0	.0	.0	.ŏ	
41-48		•0			.0	.0		
	•0	• 0	•0				•0	
49-60	.0	•0	•0			.0	•0	
61-70	٠٥	•0	٠,		.0	• ?	.0	
71-86	• 0	• ?	.0			.3	٠.	
875	.0	.0	.0	.0	.0	•0	.0	
								121
TET PET	10.7	51.2	37.2			.0	100.0	

PERIOD: (UVER-6LL: 1949-1973 TABLE 19 PRRCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) MEAN HGT 2 4 5 2 5 2 3 9-60 61-70 71-86 .0 87+ TOTAL
.0 103
.0 35
.0 10
.0 2
.0 1
.0 1
.0 1
.0 1
.0 17
.0 188
.0 100.0 PERIGO (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 1-2 78.0 2.4 .6 1.2 .0 3.0 59 35.1 3-4 20.2 8.9 1.8 .0 .0 2.4 56 33.3 5-4 6.0 1.2 .0 .6 .0 7 3.6 .6 .0 .0 .0 .0 .0 000000000 000000000 ......... 0000000000 000000000 0000000000 0000000000 0000000000

MARCH

PERIOD: (PRIMARY) 1917-1973 (OVER-ALL) 1857-1973

TABLE 1

AREA ODOB WEST SORNED .ON 107.3E

PERCENT	FRECHENCY	17.6	KEATHER	CCCUPPENCE	RV	WIND	DIPPETION

			•	RFCIPI	TATIO	TYPE					CTHEP	HEATHER	PHEND	MET.A	
HIO DIR	RAIN	PAIN SHWR	OR7L	FRZG OCPN	HUNZ	OTHER FRZN FCPN	HĀĪL	PCPN AT OB TIME	PCPN PAST HOUP	THER LTNG	FOG WO PCPN	FJG MG PCPN PAST HR	SMOKE	SPRAY BLWG DUST BLWG S' DW	NO SIG WEA
ħ.	3,4	6	1.1	٠.	ي.	٠,٠	ي.	5.3	.0	.6	. 9	.0	•0		93.2
ħΕ	2.3	1.6	.4	٦-	.0	,	-0	4.7	1.4	2.3	. 4	.0	.0		90.7
Ł	3.:	.0	٠.	.0	•0	3	٠.۵	3.1	•0	.0	٠.	•0	2.5	<b>,</b> 0	94.5
SE	2.0	7.6	.0	.0		.0	.0	9.8	•0	.0	.0	•0	.0	.0	90.2
\$	6.9	5.2	6.9	.0	• 0	. 0	.0	19.0	6.9	٠.	٠ċ	.0	•0	.0	74.1
<b>5</b> k	5.1	4.6		. 0	• 0		i.	7.7	16.3	.c	.c	.0	•0		82.1
₩.	3.1	.0	.0	.0	.0		•0	3.1	6.3	6.3	•0	.0	•0		84.4
4.	2.1	.ŏ						2.1		.5	.5	.0	• 6		95.9
								•.5	: 8			ŏ	•6		.0
VAR	.0				.0		٠.				•0				
CTFm	•0	.0	-0	.0	•0	.0	• C	•0	•*	11.5	•0	•0	•0	• 5	88.5
TOT PC* TOT 085:	2.8 428	1.2	.7	•0	۰ ۵	.0	•0	4.7	1.7	1.9	.5	•0	•2	.2	91,4

TARLE 2

### PERCENT PREQUENCY OF WEATHER OCCURRENCE BY HUUR

				R=C1P1	TATTO	N TYPE					THEP	WEATHER	PHEND	MESSA	
HOUR (GMT)	RAI 4	PAIN SHIR	URZL	FRZG PCPN	SNOR	UTHER FRZN PCPN	HAIL	PCPN AT JO TIME	PCPN PAST MÜJR	THOR LTNG	FOG HO PCPN	FJG WD PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNDW	
05603 05609 12615 18621	2.7 1.6 3.8 4.0	2.7	.9 .8 1.0	.0	.0000		.0	6.3 4.8 4.0	.9 3.2 .0	.0 1.0	.0 1.0 1.0	.0 .0	.0 1.0	.0	92.8 92.1 92.4 88.1
TOT PET	2.9	1.1	.7	.c	•0	.c	٠.	4.7	1.1	1.t	.5	٥.	• 2	.7	91.4

TARLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		#1:	40 484	Er (Kil	75)								HOUR	(GMT)			
MND 01#	7-3			22-33		48+	TUTA_ Jes	PCT FRFQ	MEAN SPD	00	03	06	29	12	15	18	21
N 46	4.7	20.7	4.6		.c	•n		30.1	7.1 7.3	30.7 24.5	27.E 35.2	34.4	34.7	30.2	30.3	23.1	25.A 23.7
Ě	2.7	3.9		. 5	.0	.0		7.4	5.6	8.6	12.0	6.8	4.4		13.6	7.1	9.3
ať	1.5	1.7	. 1	.0	• .)	• 0		3.4	4.2	3.6	. 9	3.2	2.0	4.3	3.0	3.2	5 - 1
S	1.5	1.7	. 2	.0	•0	•0		3.5	4,9	2.8	1.9	3.3	4.0	1 - 5	3.0	5.6	5.1
5 %	. 0	2.7	.1	.0	•0	• 0		5.2	5.5	3.1	1.5	3.2	4.0	2.8	3.0	2.8	4.2
Ħ	: . ?	3.4		•^	•0	•0		4.9	5.5	2.9	6.5	2.9	6.5	5.4	•0	7.4	6.4
Ne	2.5	7.7	1.1	• 1	•0	•0		14.4	6.5	12.7	8.3	8.5	11.7	15.6	4.5	12.3	11.9
PAV.	• 3	•0	.0	•0	• 0	•0		.0	.0	•0	.0	• 0	.0	• 0	.0	• 0	• 3
CALM	11.5							11.6	.0	11.7	5.0	13.6	11.3	11.7	3.0	10.0	8.5
TOT CAS	315	404	117	5	0	0	1643		5.6	154	54	236	124	102	33	162	118
TIT PET	30.2	54.4	11.2	. 2	.0	•0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TARLE 34

HND DIR	9 <b>-6</b>	#IND 7-16	SPEED 17-27	(KNETS) 29-40	41+	TGTAL UBS	PCT FREQ	"EAN SPO	00	H3UH 66 90	(GPT) 12 15	18 21
•	16.0	13.3	, e	.0	.0		30.1	7.1	29.9	34.5	30.3	24.3
٧E	12.6	11.5	. 4	•0	.0		24.4	7.3	26.9	23.3	20.2	22.9
ę	5.2	1.8	. 3	*C	٠.		7.4	5.6	9.5	6,0	6.7	8.0
96	3.0	. 4	.0	•0	.0		3,4	4.2	2.9	2.4	4.1	4.0
5	2.6	. 9	.0	.0	.0		3.5	4,9	2.5	3.5	1.5	5.4
Sir	2.4	. 6	.1	·ŏ	.0		3.2	5.5	2.0	3.5	2.4	3.4
í.	3.7	1.2		.0	.5		4.9	5,5	3.8	4,1	4.5	7.0
N <sub>at</sub>										9.6		
	6.0	4.2	• •	•0	٠.		11.4	6.5	11.5		13.7	12.1
VAR	٠.	.5	• າ	•0	•0			.0	.0	.0	.0	•0
CALM	11.6						11.8	-0	10.1	12.0	10.3	12.9
TOT 045	667	355	21	٥	٥	1043		5.8	208	360	195	200
TOT PET	44.0	34.0	2.0	•0	٠,٠		100.C			100.0		

٠	•	•	

									•					
PERIODI	(PRIMARY) (OVER-ALL)	1917-197 1857-197						TARLE	•			AREA	0000	BORNER 107.3E
				854	CFNTAGF	FREQU	FNCY GF	WIND :	52EED 81	HOUR	(GMT)			
		HUUR	CALH	1-3	4-10			(KNOTS		MEAN	PCT FREG	TOTAL DBS		
		00603 06609 12615 18621 TUT PCT	12.8 10.3 12.9	19.2 16.9 14.4 22.5 192 18.4	60.6 56.9 51.0 56.8 609 58.4	10.1 13.1 14.4 7.5 117	.0 .4 .4 .2			6.1	100.0 100.0 100.0 100.0	209 380 195 280 1043		

			τ.	ARLF 5								7/	IBLE 6					
•	CT FRE			CLOUD A		(EIGHTMS)							CEILIA NH <5/					
WND DIR	0-2	3-4	5-7	8 & 88CD	TOTAL CBS	COVER COVER	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH 45/8 ANY HGT	
N_	2.7	9.1	13.5	5.0		5.1	.3	• 0	• 0	1.5	4.9	.4	. 5	•0	.3	.4	2240	
ŅĒ	4.7	7.6	11.8	3.9		4.8	•0	• 2	•0	1.1	3.2	•6	•	•	•0	1.5	20.0	
5.	1.0	3.1	3.8	1.7		5.0	•0	•0	•0	• •	1.4	•0	• • • •	•0	•0	•0	7.3	
SE	.5	1.0	1.3	1.2		5,3	•0	• 0	•0	. 4	.0	•0	•0	•0	•0	•0	2 • 1	
5	• •		5.0	1.0		5,5	•0	•0	•0	•0	1.0	•0	•0	•0	•0	•0	3.2	
Sw	•0	.0	1.7	•5		6.7	•0	•0	•0	•0	•0	•0	.0	•0	•0	• • •	2.2	
¥	.7		2.4	. 6		4.9	• 0	• 0	.0	• 0	1.1	.2	.4	.0	•0	•0	2.9	
NW	. 5	1.7	6.9	1.9		5,7	•1	.0	.0	• 0	2.3	. 4	.7	. 4		.0	7.1	
VAR	.0	. 0	.0	•0		•0	•0	• • •	.0	• 0	.0	.0	.0	•0	•0	.0	.0	
CALM	1.1	1.1	1.9	1.9		5,1	•0	• 0	.0	.4	•0		.0	•0	•0	•0	5.3	
TOT USS	30	66	119	• • 7	262		7		•	۱'n	3Ă	- 1	Ť	•	• • • • • • • • • • • • • • • • • • • •	• • •	192	262
TOT PCT	11.5	25.7	45.4	17.9	100.0			• 5	• 0	3.3	14.5	1.9	2.7	1.1		1.9	73.2	100.0

TABLE 7

CUMULATIVE PCT FRED OF SIMULTANEOUS OCCURRENCE OF CEILING MEIGHT (NH )4/8) AND VSBV (NM)

				VSBY (NH	13			
CEILING	● GR	- OR	• DR	e na	• ÚR	<ul><li>32</li></ul>	<ul> <li>DR</li> </ul>	• 39
(FEET)	>10	>5	>5	>1	11/2	>1/4	>50Y0	>0
• DR >6500	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
• DR >5000	3.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
■ DR >3500	5.5	5.7	5.9	5.4	5.9	5.9	5.9	5.9
■ DR >2000	7.4	7.7	7.7	7.7	7.7	7.7	7.7	7.7
■ RR >1000	18.8	23.3	21.0	21.0	24.1	72.1	22.1	22.1
■ DR >690	21.4	23.2	24.7	25.5	22.5	25.0	25.8	25.8
■ OP >300	21.4	23.2	24.7	25.5	75.8	25.8	25.8	25.8
<ul> <li>DR &gt;150</li> </ul>	21.4	23.2	24.7	25.5	25.8	25.8	25.8	25.8
. 09 > 0	21.4	23.2	24.7	25.5	25.8	25.0	26.2	26.2
TOTAL	58	63	67	69	70	70	71	71

TOTAL NUMBER OF OBS: 271 PCT FREO NH <5/R: 73.8

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD DBS 4-2 15-1 25-3 18-2 10-9 11-2 6-3 4-6 3-9 -4 285

								MA	RCH						
1001	(PRIMARY) 1 (OVER-ALL)							TAI	LE S				ARE	A 0008	80RNE0 107.3E
			P	FRCENT	PRECI	F WIND	DIREC	TION Y	S DCC	URRENCE ALUES E	E OR N	0N-UC(	URRENC	E UF	
	VSBY			NE	ε	SE	5	Sw	W	NH	VAR	CAL4	PCT	TOTAL	
	<1/2	PCP NO PCP TOT %	.ç	.0	•0	.0	•0	•0	.0	.0 .1 .1	.0	•0 •0	.2		
	1/24	PCP L NO PCP TOT 3	.e .c	.2	.0 .0	.0 .0	•0	.0	.0 .0	•0	.0	•0	.0		
	1<2	PCP ND PCP TOT %	.,	.0	.0 .2 .2	•0	•2 •0 •2	•0	•0	•0 •0	0 • 0 • 0	•0	.5 .2 .7		
	2<5	PCP NO PCP TOT %	1.2	1.3	•0 •1 •1	.0 .1 .1	•0	.0 .0	.0 .0	.1	.0	•0	1.4 1.4 2.8		
	5<10	PCP ND PCP TDT %	1.9 2.5	3.9 4.2	.1 .9 1.0	•0	• 2 • 5 • 6	•1 •0 •1	.0	2.2 2.5	.o	1.2 1.2	1.4 10.8 12.2		
	10+	PCP NO PCP TOT %	27.0 27.0	24.2 24.4	7.8 8.0	.3 2.3 2.6	.2 2.3 2.5	2.1 2.2	3.4 3.5	8.7 8.7	•0	•0 ••9 ••9	1.2 82.7 83.8		
		TOT DBS	31.9	30.1	9.3	2.8	3.4	2.1	3,7	11.3	.0	6.1	100.0	427	

TAPLE 9

			•	ERCENT	FREQ	OF WIN	O DIPE	CTION OF V	VS #11   15191L	n SPE	En		
VSBY (NH)	SPD KTS	N	NE	£	SE	5	5.	•	N=	YAR	CALM	PCT	TOTAL DBS
• • •	0-3	.0	.0	.0	.0	.0	.0	.0	.0	٠.	.0	.0	
<1/2	4-10	•1	. 0	. 0	.0	.0	-1	. 1	• 2	. 0		٥.	
	11-21	•0	٠٥	.0	.0	.0	.0	٠.	.0	.0		.0	
	22+	• 0	.0	.0	,0	.0	.0	.0	.0	.0		.0	
	TOT %	-1	.0	• 0	•0	.0	.1	•1	. 2	•0	.0	.6	
	0-3	.0	٠.	•0	.0	•0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	•0	•0	• 0	.0	• 0	.0	.0	•0	.0		٥.	
	11-21	•0	• 4	٠û	.0	.0	.0	. 2	.0	.c		. 1	
	22+	.0	.0	.0	.0	.0	.0	•0	•0	•0		٥٠	
	TOT %	-C	-1	•0	.0	•0	.0	~ · ^	.0	•0	.0	.1	
	0-3	.0	•1	•0	.0	.0	.0	.9	.0	.0	.0	.1	
1<5	4-10	, 1	• 1	• 1	•0	.0	.0	• (*	• 0	•0		• •	
	11-21	• 1	•0	• 0	•0	.1	.0	.0	.0	٠٥		. 3	
	22+	•0	•0	• 0	.0	.0	.0	•0	.0	.0		.0	
	TOT %	.3	. 3	•1	•0	•1	٠٥.	• 0	.0	٠.	•0	,•	
	0-3	•1	-1	• 0	.0	.0	.0	•0	.0	.0	.0	.1	
2<5	4-10	.6	•7	• 1	.1	• C	.0	•0	.1	•0		1.0	
	11-21	.4	• 1	•0	•0	•0	•0	•0	.1	•0		. 6	
	22+	.0	•0	•0	.0	٠Ç	٠,٥	• 0	ů.	• 0		.0	
	TOT \$	1.1	.9	•1	.1	•0	.0	٠0	.1		•0	2.3	
	0-3	.0		•1	.0	•1	.0	.0	. •	.0	.9	1.0	
5<10		1.4	1.6		.0	.3	•	•1	1.7	-0		5.6	
	11-21	٠,	1.2	• 1	.0	•0	٠.	.0	.0	.0		2.3	
	22+	.0		•0	•0	•0	•0	•0	.0	.0	_	.0	
	TOT \$	2.3	3.1		.0	• *	•	•1	2.1	.,	.9	9.5	
	0-3	3.2	2.8	1.7	. • •	. • •		2.9	1.5	٠,	7.5	25.4	
10-	4-10	20.5	17.3	3.7	1.3	1.4	1.5	2.7	6.3	•0		55.1	
	11-21	4.3	3.8	•	٠2	-1	٠٥.		1.3	.0		10.9	
	22+ TOT \$	78.0	23.9	••2	2.2	2.3	٥.	5.0	9.2	:?	7.5	86.6	
	THT DRS												495
	TOT PET	31.0	24.3	7.0	2.3	2.8	2.6	5.3	11.6	•0	8.3	100.0	

MARCH

PERIUD: (PPIMARY) 1917-1973 (UVER-ALL) 1857-1973

TABLE 10

AREA OOOB WEST BORNED

PERCENT	PREQUENCY UP	CEILING	HEIGHTS	(FEET, NH	>4/81	AidD
	000.000		u /s/a bu	LIFTI I		

HDUR (GMT)	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	*000+	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00493	.0	.0	.0	1.5	15.4	3.1	.0	3.1	1.5	•0	24.6	75.4	65
90360	.0	.0	•0	1.3	15.4	1.3	6.4	.0	.0	3.8	24.2	71.8	78
12615	.0	.0		11.6	5.8	2.9	.0	.0	.0	1.4	21.7	78.3	69
18621	1.4	.0	.0	•0	10.8	.0	2.9	1.4	.0	1.4	26.1	73.9	69
TOT	1	0	0	10	39	5	7	1.1	1	5	71	210 74.7	281

TABLE 11

TABLE 12

		PEPCFNT	FRFOHEN	C* V591	(44)	BY HOUR		COHOCA					JANY HOUR	
HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL CBS	HUUK (GMT)	<150 <50YD	<600 <b>&lt;</b> 1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL OBS
00603	1.2	.0		2.4	8.5	87.2	164	00694	•0	•0	3.1	21.9	75.0	64
P0360	.5	.0	.5	.5	8,5	90.0	211	06609	.0	•9	2.6	26.3	71.1	76
12615	.0	.7	7.7	4.8	10.9	81.0	147	12615	.0	1.5	13.4	9.0	77.6	67
18221	.5	.0	.5	3.2	11.0	84.1	189	18821	1.5	1.5	4.7	23.4	71.9	64
TOT		1	7	18	70 9.8	611 85.9	711	TGT PCT	.1	.7	16 5.9	55 20.3	200 73.8	271 100•0

TARLE 13

PERCENT FREQUENCY OF RECATIVE HUMIDITY BY TEMP
TOTAL PCT
To 10 To 70 80=89 90=100 OB5 FREQ 15 7.5 15 7.5 165 92.1 20 10.0 201 100.0 90/94 85/89 80/84 75/79 TOTAL PCT .0 .0 .0 .0 .0 .5 5.0 1.5 .5 1.0 30.8 43.3 7.0 .5 .5 5.5 3.5 4 73 101 22 2.0 36.3 50.2 10.9 .000000 .0 .00000 ...... 30.6 24.3 9.7 TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP VAR CALM .0 .0 .0 .1 4.9 10.8 .0 .1 .4 4.1 1.0 .2 23.5 21.5 6.0 3.0 1.6 3.1

TARLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR MIN HEAN TOTAL UBS
77 81.6 205
75 83.2 361
74 81.7 199
75 80.9 281
74 82.0 1046 54 14

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR 0-29 30-59 60-69 70-79 80-89 90-100 MEAN TOTAL Ods

.C .0 .0 .0 22.9 56.3 20.8 84 48

.0 1.8 5.5 58.2 25.5 9.1 79 35

.0 .0 .0 27.5 64.7 7.8 82 51

.0 .0 1.9 37.7 54.7 5.7 82 52

0 1 4 77 103 22 82 207 HOUR (GMT) 00603 06609 12615 18621 TOT

MARCH

PERIOD: (PRIMARY) 1917-1973 (OVER-4LL) 1857-1973

TABLE 17

AREA 0008 WEST BORNED .EN 107.3F

PCT FRPG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FGG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	54	89	TOT	in .	WU
THP DIF	76	80	84	8.8	97		FOG	FOG
11/13	.0	.0	.0	•0	.3	1	.0	.3
6	.0	٠٥	.0	.0	.3	i	•0	. 3
5	.0	.0	. 3	1.0	• 0		•0	1.3
4	.0	• 3	1.0	5.0	. 3	14	• 0	3.5
3	.0	.0	1.0	2.0	• 0	12	• 0	3.0
3	. 0	. 3	5.6	2.0	.0	31	• C	7.8
1	ن و	.3	5.t	2.3	.0	22	• 0	8.1
0	.0	2.5	18.0		.0	*2	.6	20.8
-1	.0	3.3	13.2	. 3	• 0	66	•0	16.7
-2	.5	5.6		• 0	•0	19	• 0	22.5
~3	. C	1.0	4.3	•^	.0	21	• ^	<b>7.</b> ;
-4	.3	2.0	3.5	٠,٠	• 0	26	. 3	6.3
-5	٠,	1.5	. 3	.0	• 0	9	• 0	2.3
-6	Ĵ.	. 5	. 5	, c	.0	4	.0	1.0
-7/-8	.0	. 3	. 3	.0	• 0	4 2	. 3	. 3
TOTAL	5		276		3		2	393
PCT	1.3	72 18.2	69.9	39		395	.5	99.5
PCT	1.4	18 a Z	04.4	4.4	. 5	100.0	• •	77.3

PEPIDD: (DVER-ALL) 1963-1973

TARLE ..

				ÞC	T FRED (	F WIND	SPEED	(KTS) AND DIRE	CTIUN V	ERS 35 S	E4 MEIG	HTS (FT)		
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT	1-7	4-10	11-21	4 <u>5</u> 22-33	34-47	48+	PCT
<,	1.3	. 9	.0	•0	.0	.0	3.6	.2	. 9	•0	•0	•0	•0	1.1
1-2	9,	11.4	3.2	.0	• 1	.0	14.5		13.0	2.5	.0	ŏ	.5	16.4
3-4			6.5	•0	. 5	.0	15.7		3.4	3.0	• 0	•0	.0	7.3
5-0 /	• 5	.0	1.6		. 2		1.0	• 0	.0	.2	• 0	• 5	.0	• 2
7	• 2	•0	•0	• 0	• ?	•0	• 0	•0	•0	•0	•0	•0	.0	•0
8-9	. 3	. 9	. 9	•0	.0	.0	1.6	•0	• 0	.0	-0	•0	•0	•0
10-11	• 0	.0	• 0	.0	• • •	.0	•0	•0	• 0	٠.	•0	٠,	•0	•0
12	•0	• 2	•0	• 0	• 2	•0	•0	• າ	•0	•0	•0	•0	.0	•0
13-16	• 0	.0	•0	•0	•0	•0	•0	•0	• 5	• 3	-0	• 2	•0	•0
17-19	•0	.0	•0	.0	•0	•0	•0	•^	•0	•0	.0	•0	•0	.0
20-23	• 0	.0	•0	•0	٠.	.0	.0	•0	. 3	•0	•0	•0	•0	•0
23-25	. 0	.0	•0	•0	•0	•0	•0	•0	•0	.0	•0	•0	•0	•0
26-12	•3	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	.0	• 0
33-40	•c	.0	•0	•0	•0	•0	•0	•0	• 0	•0	•0	•0	•0	•0
41-48	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•C	•0	•0	•0
49-00	• 0	.0	•0	.0	-9	٠,	•0	•2	•0	•0	•0	•0	.0	•0
61-70	٠٥.	• •	•C	•0	• 5	٠٥	•0	• 5	• 0	• • •	• 6	•0	•0	•0
71-66	٤٠	•0	•0	•0	•0	• 0	٥٠	• 5	•0	•0	•0	•0	•0	•0
87+	.•?	.0	• 0.		•0	٠.		•6		.0	•0	•0	•0	0
TOT PCT	1.8	55.0	13.4	•0	٠.	•0	37.3	1.1	17.3	6.6	• 0	•0	•0	25.0
				£							SE			
HST	1-3	4-10	11-21	22-33	34-47	48+	PCT	1=3	4-1C	11-21	22-33	34-47	48+	PCT
<1	.7	.7	•0	•0	•0	•0	1.4	•?	1.1	.0	•0	•0	.0	1.1
1-2	• 3	3.6	• 7	.0	• ?	.0	4.3	•0	•0	• 0	•0	•0	•0	.0
3-4	•0	.0	• 7	•0	• 2	.0	• 7	•0	•0	•0	• 0	• 0	•0	•0
5-0	• 2	.0	.0	٠٥.	• ?	•0	•0	•0	.0	.0	•0	•0	.0	•0
8-7	٠	• 0	•0	.0	•0	.0	•0	•0	• 0	•0	•0	•0	.0	•0
10-11	• ;	.0	•0	•0	• 2	•0	•0	.0 .0	•0	.0	•0	•0	•0	•0
12	: 3	.0	.0	.0	.0	.0	•0	•0	.0	.0	٠c	•0	•0	•0
13-16	o	.0	.0	.0	•0	.0	.0	.0	.0	.0	•0	•0	•0	•0
17-19	. 5		•0	.0	."	.0	.0	• • • • • • • • • • • • • • • • • • • •	.0	.0	•0	•0	.0	•0
20-22		•0	•0	.0	.0	.0		ő	.0	.0	•0	•0	.0	•0
23-25		.0	•0	.0	.0	•0	•0	.0		.5	.0	•0	:0	•0
26-37			•0	.0	• 0	.5	•0	.0	.0	.0	.0	•0	. 0	•0
33-40			•0	• 0	.0		•0	.0		•0		•0	.0	•0
41-48	•	.0	•0	.0	.0	.0	٠.	.0	.0	.0	.0	.0	:0	•0
49-20	• •	.0	•0	•0	• 5	•	•0	.0	.5	.0	•	•0	.0	.0
61-70			•0	•0	. 0	.0	•0	•0	•0	•0	•0	•0	•	•0
71-06			•9	.0	.0	.0	.0		.,	.0	:0	•0	:8	•0
87.	• • •	. 6	.0	.0		.0	.0		ŏ		.0	•0		•0
TOT PCT	í	4.3	1.4	.0			6.4		1.1	.0		•0		1.1

B-B-00. (4)/50			MARCH	A= 5.4 0000	WEST BORNED
PERIOD: (OVER-ALL)	1403-14.7		TABLE 18 (COPT)		.6N 107.3E
		PCT FREQ OF WIND SPEED	(KTS) AND DIRECTION VEHOUS SEA HEICHTS	(FT)	

				5	<del>-</del>						> > ×		4.0.		
HGT	1-3	4010	11-21	22-33	34-47	48+	PCT		4-10	11-21	22-35	34~47	48+	PCT	
<1	. 5	.0	•0	•0	.0	•0	.0	.0		.0	•0	•0	•0	3.	
1-2	. 9	3.4	.0	,0	.0	٥.	4.3	•0	11	.o	٠,٥	•0	۰,٥	1.1	
3-4	٠,٥	•ŏ	.9	.0	• 6	•0	•9	•0	.0	•0	.0	•0	• 0	.0	
5-6	•	.0	•0	.0	٠.	•¢	•0	,0		,0	.0		•0	.0	
7	.0	. 4	•0	•0	.0	.0	•0	,0	.0	.0	•0	•0	•0	.0	
	•0	•0	• 0	•0	••	•0	.0	.0		.0	•0	•0	.0	.0	
10-11	.0	••	•0	.0	.0	•0	•0	.0	.0	•0	•0	•0	.0	.,	
12 13-16	.0	.0	.0	.0	c	.0	.c	'n	.c	.0	:0	.0	:0	ě.	
17-19	.0		.0	٥.	•0	.0	٠٥	,	.0	.0	.0	ě	č	ò	
20-22	.0	.0	• 0	.0		.0	.0	ő	č	.6	.0	.0	.ŏ	ŏ	
41.25	.5	.0	•0	•0	.0	.0	.0	.0	٥		:0	.0	:8	.0	
20-22	:ŏ		•0	.0	.0	.0	.0		:0	.0	.0	•0	ď	۰٥	
23-40	.0			•0	ő	,0	.0	ň	.0	.0	.0	•0	.0	.0	
65-48	٠٥		.0	:	ň	.5	.0	ō	ě.	.0		.0	.0	.0	
49-00	ŏ	.,	.0	.0	, o	.ŏ	• • •	ň	0.0	.ŏ	.0	.0	. 0	.0	
61-70	ž	. o	ò	. 6	.č		• 2		.c	. 5	.0	.5		.0	
71-86	. 6		.0	-0	. 6		íć	, c	. 5	.0	.0	•0	.5	.0	
87+			.0		.0	.0	• 0	•0	.0	.0		•0	.0	.0	
TOT PCT	ě	3.4			.0	.0	5,2	.0	1.1	.0		.0	ŏ	1.1	
	•	•	-		•			-		-					
											Nk.				TOT-L
HGT	1-3	4-17	11-2"	¥ 22-33	34-44	45+	PCT	1-3	4-10	11-21	22=33	34+47	45.	PCT	767
MGT <1	1-3	••••	11-47		.0	***	1.6	.0	3.0	121	.0	•0	0	3.0	· C ·
1-2						.0	.0	.,	1.1	2.3	.0	.0	.5	4.8	
3-4	:0	:0	.0 .:		:5		.0	'n	1.4	1.4	:0	ě	٠٠	2.7	
5-6	.0	:0	.0		.,	.0	.0	. 0		.0	.,	• 5	.0		
7			•0		.0	٥.	•0	0	ŏ	.0	.0	.0	.0		
8-9	٥٠	:0	•0		ò	.6	.0	. ; ;	.0	.5		.5	.0	.0	
10-11	ě	.0	•0		٥.	٠.	.0	ó	, ú		.0	•0		-0	
12		.0	•0		·ò	.0	·å	ő		.0		. 3		.0	
13-16	.5	.0	•0		•0		.0	•0	.0			•5		.0	
17-19		.3	•0		.5	.5	.0	ěš			.0	• 6		.0	
20-22	ċċ	.5	•0		3.		ě	• ^	.0	.0	•0	• 0	2.	.0	
23-25			.0		.,	.ŏ		ຳ	.0	Š		.5	ò	.0	
26-32		.0	•0		.0	.č	.c	.0	.0	30	.0	• 0	.5	.0	
33-40	.0	.0	.0		.8		•0	ŏ	:0	.0		ěŏ		.0	
41-48	.0	.5	•0		•0		.0	ŏ	.0	.0		•0	.0	.0	
49-00	č	:č	•0		ñ.		č	ő	.c			·č	.0		
61-70	.0		•0		.0	.0	.5		.0		.0	• 5		.0	
71-86	.0		•0		.c		.c			.c	·č	9.0		.0	
87+		ò	•0		٠٥		.0	. ,		.0	ŏ	ò	.,	.0	
TOT PCT	.,	.7	•0		•0	.0	1.6	é	5.5	4.1	ě	40		11.4	69.1
10, 50,	• • •	• • •	•	• • • •	•••					~**	• •	••	•••		-200

did de linguis adus cumun adus es es elle adus es estados es es estados es de linguistas es estados es estados es estados es estados es estados es estados en entre estados estados en entre estados estados en entre estados estados entre estados en entre estados entre estados entre estados entre estados entre entre estados entre e

TOT
043
114

PERIOD: (DVEC-ALL) 1949-1973 PERCENT PREQUENCY OF MAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) MEAN HGT 2 4 4 3 7 61-70 71-86 .0 TOTAL 154 30 7 2 1 b 43 237 100.0 4.6 .0 .0 .0 .0 .0 16.0 49 20.7 45.1 3.8 .0 .0 .0 1.7 122 51.5 1.3 .0 000000000 000000000 0000000000 00000000 0000000000 0000000000 000000000 0000000000 0000000000 12.7 3.8 .8 .0 .0 .0 43 18.1 1.3 3.8 .4 .0 .0 .0 000000000

PERCENT	FREGUENCY	OF	MEATHER	DCCURRENCE	RY	<b>BIND</b>	DIRECTION

												20.10.1			
				RECIPI	TAT:U	N TYPE					OTHER	WEATHER	PHEND	MENA	
rN9 618	RAIN	PAIN Shur	DRTL	ERZG PCPN	SNOL	STHER FRZN PSPN	HAIL	PEPN AT OB TIME	PCP" PAST Hour	THRE LING	FOR WO PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNEW	NO SIG WEA
HE E SE SH H NH VAR CALM	7.1 .5 3.1 4.0 .0 3.8 5.5	2.8 .0 3.1 .0 2.4 1.0 5.5 5.0	.0 .0 .0 .0 .0 .0 .0 .0		000000000000000000000000000000000000000	00000000000	000000000000000000000000000000000000000	4.8 6.2 4.0 2.4 5.7 7.5	2.1 3.1 .5 8.6 11.0	4.8 .5 5.4 4.0 3.7 8.6 11.0 1.3 .0	.0	.0.0.0	• 0 • 0 • 0 • 0 • 0	.0 .0 .0 .0 .0	90.3 96.9 85.3 87.9 85.4 81.0 64.4 86.3
TOT PCT TOT CBS:	2.0	5.0	.4	.0	•0		•0	4.4	3.6	4.4	.0	٥.	••	•0	95.8 87.6

TARLE 2

### PERCENT PREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	#AIN	RAIN	CRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST Hour	THOR LTNG	FOG KO PCPN	FOC WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
00103 06609 12615 18621	3.0 .0 3.1 1.7	4.5 .0 .0 3.4	.0 1.5 .0	.0	.0	.0	.000	7.6 1.5 3.1 5.2	3.0 5.9 3.1 1.7	.0 7.7 12.1	•0	•0	.0 .0 .0	•0 •0 •0	89.4 92.6 87.7 79.3
TOT PC- TOT CBS:	1.9	1.9	.4	•0	•0	•0	•0	4.3	3.5	4.7	•0	•0	•4	•0	87.5

### TABLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WNO DIR	0-3			55-33 EG (KH		48+	TUTAL DBS	PCT FRPQ	MEAN SPO	00	03	06	HOUR 09	(GMT)	15	10	21
N NE E S S S Nw Var Calm Tot CBS Tot PCT	3.8 4.7 2.5 3.8 2.3 2.3 2.3 2.5 2.5 43.2	7.6 8.2 5.2 5.8 6.0 7.9 5.5 4.0 .0	.5 1.9 .5 .3 .7 1.1 .0	.0 .0 .0 .0 .1 .1	.0 .0 .0 .0 .0 .0 .0 .0	••••••••••••	875	11.9 14.3 8.8 8.8 19.2 11.5 7.1 5.8 15.5	5.3 5.5 5.2 5.2 6.5 6.5 6.5	15.0 13.5 11.5 11.7 9.1 5.5 5.3 8.8 .0 19.3 113	13.0 21.7 8.7 4.3 6.5 6.5 4.3 .0 17.4	19.3 10.1 11.1 9.5 10.0 9.6 5.6 .0 13.2 235	14.5 7.0 .0 16.1	20-1	21.4 19.6 8.9 .0 7.1 10.7 10.7	13.6 7.0 9.7 10.1 13.6 5.5 5.9 22.8	

" .RLE 3A

WND DIR	) <b>-6</b>	WIND 7-16	SPEEC 17-27	(MNOTS), 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	HOUR 40 60	12 15	18 21
NE FE SU WW VAR	\$.7 10.3 6.3 7.2 7.9 8.4 5.9 4.7	3.2 3.8 2.5 1.5 2.2 3.1 2.9 1.6	.0 .2 .0 .1 .1 .1 .1 .2 .2 .0	.0 .0 .0 .1 .1	000000000		11.9 14.3 8.8 10.2 11.5 9.1	5.3 5.6 5.5 5.1 5.2 5.6 6.5	15.4 13.2 11.2 8.3 5.7 5.5 8.1	12.9 16.7 8.5 9.5 9.7 12.7 11.0	10.6 13.6 9.2 5.9 11.1 13.1 10.4 7.1	10.6 12.3 6.5 8.6 11.5 12.3 7.7 6.9
CALM TOT DOS TOT PCT	18.5 681 77.8	182	1.0	.3	.0	475	18.5	4.6	19.1 136	14.0 328 100.0	19.0	23.7

APRIL

PERIUD: (PRIMARY) 1909-1971 (OVER-ALL) 1857-1971

TARLE 4

AREA 0008 WEST BURNED .5N 107.3E

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

HOUR	CALM	1-3	4-10		SPEED (		48+	MEAN	PCT FREQ	TOTAL OBS
00603	19.1	25.0	49.3	5.9	.7	.0	.0	4.5	100.0	136
90360		29.6	47.6	7.6	1.2	.0	.0	4.9	100.0	328
12615		17.7	56.3	7.0		•0	-0	4.8	100.0	158
18421	23.7	22.5	50.2	2.8	.4		.0	4.1	100.0	253
TOT	142	216	439	Ši	6	1	ü	4.0	•	875
PCT	18.5	24.7	50.2	5.8	.7	٠i	•0		100.0	

TARLE

....

			14	. 1144								' "	are o					
1	PCT FRE			CLDIID A		re:Gutus)		1			REQUEN							
HND DIR	0-2	3-4	5-7	8 G 085CD	TETAL PBS	CDUCA CDVER	900 149	150 290	300 599	499 999	1000 1999	2000 <b>3499</b>	3590 4999	5990 6499	6500 79 <b>9</b> 9	#000÷	NH <5/8 ANY HGT	TOTAL OBS
N	4.7	2.3	5.1	1.1		4.1	•0	.0	.0	1.2	1.1	1.8	.0	•0	•0	.0	9.0	
NE	2.1	4.4	11.1	7.1		4,1	•0	• 0	٠,٠	• 6	2.0	.6		•0	•0	.0	16.6	
E	5.1	1.6	4.2	4.1		4.0	•6	• 6	•c	.6	1.5	. ć	.0	•0	.0	.0	11.9	
SE	4.5	1.8	3.7	2.4		4.1	•0	• 0	. C	1.4	. 0	.2	٠,	•0	.0	. 5	9.5	
Š	1.5	1.4	3.5	1.1		4.8	•0	•0	.0	. 5	1.1	1.4	.c	•0	•0	.0	4.5	
š*	1.5	2.3	4.7			4.9	•0	•0	.0	.6	1.4	. 3	. ė	•0	.0	•0	5.9	
-	.0	1.2	1.5	1.7		6.4	.6	.0	.0	.0	1.1	. 5	.6	.0	•0	.0	1.7	
NA	1.7		5.1	. 2		5.1	•0	.0	.c	.0	1.4	ě	.e	•0	.0	.0	5.4	
VAR	.0	.5		.5		.5	•0	.0	.c	.0	.0	.0	.0	.0	•0		.0	
	1.8		7.2			4.7	•0	•0	č	.6	.0	•0	.0	•0	•0	.0		
CALM TOT UBS		2.4	75	23	166	4.6	• • • •	6	·č	Ä	• • • •	15	• • • • • • • • • • • • • • • • • • • •	·ŏ	• 6	• 6	126	166
TOT PCT	22.9	30	45.2			400	1.2	•0	•0	4.8	10.2	6.0	1.8	•0		_		100.0
TOT PET	72.7	18.1	42.7	13.9	100.0		102	• 17	• • •	7,0	11702	0.0	1.0	•0	+0	•0	1207	100+0

TAPLE 7

CUMULATIVE PCT FREQ	OF SIMULTANEOUS OCCURRENCE
	(NH 34/4) AND VSBY (NH)
Sh CETFIAN LEIGHT	(AL 301-1 wan 1381 (MU)

				VSBY (NH	)			
CEILING	<b>■ 『</b> R	• DR	● DR	= MR	· DR	<ul><li>DR</li></ul>	- DR	● OR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
■ DR >6500	.0	•0	.0	.0	.0	.0	.0	.0
<b>■</b> PR >5000	.0	•0	.0	.0	.0	.0	•0	.0
e Pk >2500	1.2	1.0	1.8	1.8	1.8	1.6	1.8	1.8
■ OR >2000	7.1	7.7	7.7	7.7	7.7	7.7	7.7	7.7
■ CR >1000	15.4	17.8	17.6	17.8	17.8	17.8	17.8	17.8
■ DR >600	17.8	22.5	22.5	22.5	22.5	22.5	22.5	22.5
■ PR >300	17.8	22.5	22.5	22.5	22.5	22.5	22.5	22.5
• DR >150	17.8	22.5	22.5	22.5	22.5	22.5	22.5	22.5
• na > 0	17.0	22.5	23.1	23.1	23.1	23.1	23.1	23.1
TOTAL	30	38	39	19	39	39	39	39

TOTAL NUMBER OF DEST 169

PCT FRED NH <5/81 76.9

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 0BSCD OBS 3,4 15.6 33.3 16.4 7.9 8.5 5.1 5.1 3.4 1.1 177

APRIL

1,

PERIOD: (PRIMARY) 1909-1971 TABLE A OCCURRENCE OR NON-UCCURRENCE OF PRECIPITATION WITH VARYING VALUES OF VISIBILITY

(

		,	FRCENT	PREC	IPITAT	ION WI	TH VAR	AING A	ALUES :	E OR N DF VIS	IBILI.	CURRENC TY	E OF
VSBY (NH)			NΕ	ŧ	SE	\$	Sw	W	NW	VAR	CALM	PCT	TOTAL
	PCP	٠,	.0	.0	.0	.0	۰.	.0	.0	.0	.0	.0	
<1/2	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	ō	.0	.0	
	TOT &	.0	.0	• 0	.0	•0	•0	.0	•0	•0	•0	.0	
	PCP	.0	.0	.0	.0	•0	•0	.0	.0	.0	•0	.0	
1/2<1	NO PCP	.0	.0	.0	.0	•0	.4	• C	•C	.0	.0	.4	
	TOT \$	.0	.0	.0	•0	.0	.4	.0	,0	.0	•0	:4	
	PCP	.0	• 0	.0	•0	•0	•0	.6	• 2	.0	•0	.8	
1<5	NO PCP	.0	• 0	• 0	• 0	•0	• 0	•0	• 0	. 0	• 0	.0	
	TOT %	•0	• (1	•0	•0	•0	•0	.6	• 2	.c	• 0		
	PCP	٠.	٥.	.4	• 0	•0	.4	٥.	٠.	•0	•0	. 6	
2<5	NO PCP	. 4	• 0	• 0	.4	•0	.4	. 4	• 0	.0	•0	1.6	
	TOT \$	.4	•0	• 4	.4	•0		• 4	.0	.0	•c	2.4	
	PCP	.7	.1	. 5	.4	•0	•6	.6	•0	.0	•c	1.2	
5<10	NO PCP	. 6	2.7	6.2	1.9	1.0	.4	. 8	. \$	.0	• 4	9.2	
	TOT %	1.5	2.5	. 6.	2.3	1.0	• 4	3.	. =	ن.	•*	10.4	
	PCP	٠.	.6	.4	.0	.7	.,	.0	.4	.0	•0	1.2	
10+	NO PCP	12.9	10.5	11.5	7.2	6.7	8.6	5.1	6.6	.0	9.2	84.7	
	TOT %	17.9	16.8	11.9	7.2	6.9	8.8	5.1	7.0	• C	9.2	45.9	
	707 PBS												24
	TOT PCT	14.6	19.6	13.0	9.9	7.9	10.4	6.9	●.0	• 0	9.6	100.0	

TABLE 9
PERCENT FREQ OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY

										• • •			
VSBY (NH)	SPD KTS	N	45	E	SE	\$	Sw	Ħ	МЯ	VAR	CALM	PCT	TUTAL
	0-3	.0	.0	.0	.0	.0	.0	.0	٠,	.0	.0	.0	
<1/2	4-10	.0	. 5	.0	.0	.0	.0	.0	. 0	ō	• • •	.0	
	11-21	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		ō	
	TOT %	.0	.0	•0	.0	.0	.0	.0	.0	.0	•0	ŏ	
	0-3	.0	.0	٠0	•0	.0	-2	.0	.0	.0	•0	.2	
1/2<1	4-10	.0	•0	٠.0	•0	•0	•0	.0	٠,	.0		.0	
	11-21	.0	•0	•0	•0	•0	.0	•0	•0	.0		.0	
	22+	.0	•0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	.3	•0	٠û	.0	.2	•0	•0	.0	•0	.2	
	0-3	.0	•0	•0	.0	.0	-1	.2	.0	.0	.0	.2	
1<2	4-10	•0	• • •	.0	•0	•0	.0	. 3		.0		.4	
	11-21	.0	.0	•0	•1	•1	•0	.0	.0	.c		.2	
	22+	•0	• 0	•0	•0	•0	•0	•0	.0	.0		.0	
	X TET	•0	•0	•0	•1	-1	-1	. 5	.1	•0	•0		
	0-3	.2	•0	.2	•0	.0	.0	.2	.0	.0	.0	.6	
2<5	4-10	•0	•0	•2	. 4	•0	.4	.0	.0	.0		1.0	
	11-21	.0	•0	.0	.0	.0	.0	.0	.0	.0		.0	
	55+	.0	• 0	•0	•0	.0	.0	•0	.0	.0		.0	
	TOT &	.2	•0	• •	• 4	•0	.4	•2	.0	•0	•0	1.7	
	0-3	.0	.2	•0	.4	.0	.2	.0	.0	.0	.4	1.2	
うくしつ	4-10	.7	1.2	.3	. 5	,,	-2	. 9	.4	.0		5.2	
	11-21	.0	.0	.0	.4	.0	.0	.0	.0	.0		. 4	
	22+	.0	•0	•0	٠,	•0	•0	•0	٠,	.0		.0	
	TOT %	.7	1.5	. 3	1.4	, 9	• 4		.4	.0	.4	0.8	
	0-3	2.6	4.3	2.2	1.0	3.3	2.0	2.0	2.0	.0	19.3	37,4	
10+	4-10	6.4	8.0	5.3	3.5	6.2	7.5	4.0	3.5	.0		47.5	
	11-21	.0	2.1	1.0	.0	.0	.2	• •	.0	.0		3.5	
	22+	٠.	.0	.0	.0	.0	. Ú	.ú	.0	.0		.0	
	10T #	9.0	14.4	4.5	7.4	1.5	7.6	6.3	5.5	.0	19.3	90.5	
	ICT DES												482
1	INT PCT	9.9	15.0	10.2	9.3	10.5	10.7	7.8	6.0	•0	19.7	100.0	

PERICO: (PRIMARY) 1909-19/1 (UVER-ALL) 1857-1971

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TABLE 10

AREA 0008 WEST BORNED .5N 107.3E

### PERCENT FREQUENCY UF CRICING HEIGHTS (FEET-NH >6/8) AND OCCURRENCE OF NM <5/6 by MOUN

HOUR (GHT)	000 149	150 299	300 599	999	1000 1999	2000 3499	1500	5000 6499	6500 7999	0000+	TOTAL	HH C5/8 ANY PGT	TOTAL DBS
00603	2.2	.0	•0	4.3	6.5	6.5	.0	•0	.0	•0	19.6	80.4	46
90300	.0	.0	.0	5.9	5.9	9.8	5.9	.0	•0	.0	27.5	72.5	51
12615	.0	.0	.0	4.3	10.9	2.2	.0	.0	.0	•0	17.4	82.6	46
15391	3.0	•0	•0	3.0	18.2	3.0	.0	.0	•0	•¢	27.3	72.7	33
TOT	2	0	0		17	10	3	n	n	0	40	136	176

TABLE 11

TABLE 12

		PERCENT	FREQUEN	C4 VSBY	(NM)	BY HOUR		CUMULAT	CEILIN	FRED G HGT	CF RAN	GES OF NH >4/ <b>8</b>	1287 (AN) 1284 HUNK	AND/OK
+00R (641)	<b>&lt;</b> 1/2	1/2<1	162	2<5	5<10	10+	TOTAL SSS	HGJR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
60300	•0		1.1	3.2	٨,3	89.5	95	60103	2.2	2.2	5.5	13.0	80.4	46
60360	.0	.7	1.4	.0	5.7	92.2	141	C6609	•0	.0	5.9	21.6	72.5	51
12615	• •	.0	.•	4.6	3.7	90.7	108	12615	.0	•0	4.8	14.3	81.0	42
18621	• 2	.c	٠.	.0	10.4	89.6	144	18621	•0	.0	3.3	23.3	73.3	30
TOT	9	1		1.0	33	442	488	TUT PCT	1	1	5.3	30 17.8	130 76.9	169

TARLE 13

TABLE 14

	PERC	ENT F#	EDUENC	Y 0F P	ELATIV	HUMI	TTY B	Y TEMP	TOTAL			PEPC	ENT FR	EQUENC	Y DF b	IND DI	RECTIO	N BY T	Eab	
TEMP F	0-29	30-30	40-49	50-59	40-69	70-79	80-89	90-100		PCT	N	NE	E	SE	\$	Sw	₩	MM	VAR	CALM
95/99	.0	.0	•0	.7	• •	.0	.0	.0	1	.7	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0
90/44	.0		• 0	•0	1.3	.0	.0	.0	2	1.3	.7	•2	.5	.0	.0	.0	.0	.0	•0	.0
85/89	.0					11.4	.0		24	16.1	.7	2.7	3.7	3.0	.7	2.0	.5	.2	•0	2.7
80/84	.0				1.3	31.5	43.6	3.4	119	79.5	6.9	13.4	11.6	9.4	6.9	8.6	4.4	7,9	•0	8.7
75/79	.0	-				•0	.7	1.3		2.0	.5		•0	.0	.0	.7	.0	.0	•0	.0
TOTAL	5	ŏ		1	. 10	84	65	ŧ	149	140.0			-							
PCT	.0	.0	•0	. 7		43.0	44.3	5.4		•	10.7	17.3	15.8	13 · i	7.6	11.2	4.9	8.1	.0	11.4

TARLE 15

	MEANS,	EXTREM	S AND	PFRCEN	TILES	OF TE	MP (DE	G F) 8	NUCH Y		PERC	EN' FRE	MUENCY	OF RELA	TIVE H	ALIGIMA	BY HEU!	k
HOUR (GMT)	MAX	994	95%	50%	54	14	MIN	MEAN	TOTAL	HOUR (GHT)	0-29	30-59	60-09	70-79	80-89	90-100	MEAN	TOTAL
00603	94	91	86	82	78	77	76	82.5	139	00203	•0	•0	2.6	41.7	50.0	5.6	80	36
90360	95	94	91	84	79	70	72	#4.5	322	90360	•0	2.6	18.4	55.3	18.4	5.3	76	38
12615	89	86	86	63	60	78	78	82.7	157	12615	.0	•0	4.5	40.9	50.0	4.5	80	44
18621	89	86	84	82	80	75	75	82.0	252	18621	.0	•0	•0	29.4	64.7	5.9	82	34
TOT	95	93	88	83	79	76	72	83.2	870	TUT	0		10	64	69		79	152

APRIL

PERIOD: (PRIMARY) 1909-1971 (OVER-ALL) 1857-1971

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TABLE 17

AREA UOOS WEST BURNED .3N 107.3E

PCT FRED OF SIX TEMPERATURE (DEG F) AND THE GCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA 77 81 85 89 392 TOT n WD
TMP DIF 80 84 88 92 FOG FOG

PERIOD: (DVER-ALL) 1963-1971

TABLE 18

PET FREG OF HIND SPEED (KTS) AND DIFECTION VENSUS SEA HEIGHTS (FT)

1 = 21 1 · 2 · 2 2 · 4 3 · 7 • 0 · 0 · 0 • 0 · HGT
<11-2
3-4
5-6
7
8-9
10-11
12
13-16
17-19
20-22
23-25
26-32
23-30
41-48
69-50
61-70
71-86
TOT PCT 4-47 HGT <1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 61-48 49-60 61-70 71-86 87-1-3 1.3 707 PC1

<b>66×100</b> €	(DVE#	-4667	1963-1	971				ABLE 18	PRIL (CCPT)				ANEA		#EST BUI .5N 107	
				90	T FREG :	OF #140	SPFED	(KTS) A	r DIREC	TION V	EPSUS S	EA HET	347 <b>5</b> (FT	1		
HGT  41 1=2 3=4 5=6 7 8-9 10=11 12 13=16 17=19 20=22 23=25 20=32 34=40 41=48 49=60 61=70 71=66 87+ TOT FCT	309000000000000000000000000000000000000	4-10 .0 3.4 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	11-21 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	\$ 22-93 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	34-47	48-00-00-00-00-00-00-00-00-00-00-00-00-00	00000000000000000000000000000000000000		1-3	4-10 3-7 4-3 -00 -00 -00 -00 -00 -00 -00 -00 -00 -	11-21 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	\$W 22-33 -00 -00 -00 -00 -00 -00 -00 -00 -00	.0000000	49.000000000000000000000000000000000000	4.9 5.2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	
HGT <1 1-2 3-4 5-0 7 8-9 10-11 12-19 17-19 20-32 23-25 20-32 33-40 41-48 49-40 61-70 71-86 67-7 TOT PC	300000000000000000000000000000000000000	000000000000000000000000000000000000000	11-21-00-00-00-00-00-00-00-00-00-00-00-00-00		34-47 -0 00 -0 0 -0 0 -0 0 -0 0 -0 0 -0 0 -0	484 00000000000000000000000000000000000	P		1 - 3 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	4-10 00 00 00 00 00 00 00 00 00 00 00 00 0	11-21 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	22-33 -00 -00 -00 -00 -00 -00 -00 -00 -00	34-67 .00 .00 .00 .00 .00 .00 .00 .0	• 6 • 6	0	TOTAL PCT
					HFT  C1 1-2 3-6 5-6 7 8-9 10-11 12 13-16 17-19 270-25 26-32 33-60 41-68 49-60 61-70 71-69 87	0-3		11-21 22 1.22 1.22 1.22 1.22 1.22 1.22 1			48+ :5 2	B 8.31000000000000000000000000000000000000	Tar OBS			

PERIU	D: (DV	ER-ALL	194	9-197	1				TABLE	19											
					PFRCEN	r FeE	OUENCY	3F #A	VE ME 1	GHT (F	T) VS	HAVE PI	ERIOD	(SECON	) <b>S</b> 1						
PEP135	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	874	TOTAL	MEAN
(SEC) <6 6=7	13.5	49.4	9.1	1.5	٥.	.0		.0	.0	.0	• 0	.0	.0		.0	:0	.0	:3	:0	**	2
1-1	•0	1.5	3.0	1.5	.0	.0	• • •	•0	•0	.0		0	.0		ě	.0	.0	:0	:0	5	3
10-11	•0	. <b>.</b>	.0	.0	.0	.0	0		•0	.0	.0		.0	•0	.0	.0		.0	.0	ò	-
>13 INDET	12.8	1.5	.0	.0	.0	.0		•0					•0		•0	.0	.0	•0	:0	19	0
TOTAL	35	75	10	3.8	0	0		•	.0	.0		•	. u	•	.0	1	.0	.0	.0	133	2

TABLE 1

AREA 0008 WEST BORNED .5P 107.3E

PERCENT	FREQUENCY	CF	WEATHFR	CCCUPPENCE	Ry	HIND	DIRECTION

					- ••				• • • • • • • • • • • • • • • • • • • •		•				
			P	RECIPI	CITAT	TYPE					OTHER	HEATHER	PHEND	MENA	
#10 C18	MAIN	PAI'N ShwR	PR7L	FPZG	SNUM	OTHER FRZN PCPN	HAIL	PCPY AT OB TIME	PCPN PAST HOUR	THOR LTNG	FOG NO PCPN	FOG WO PEPN Past Hr	SMOKE		
le	.0	٠0	.0	.0	.0	.0	-0	٠,٠	.0	8.7	.0	.0	•0	•0	91.3
46	.0	.0	.0	٠.	.0	.0	• 0	ه ه	.0	.0	.0	.0	.0	.0	100.0
ŧ	.0	.0	7.3	.0	.0	.0	.0	7.3	5.5	.0	.0	.0	.0	• 0	87.3
3.5	٠.6	1.8	. 4	. 0	.0	. 0	. 0	4.0	2.2	3.0	•0	.0	.0		90.2
S	+.4	. 7	2.6	. 5	.0	. õ	• 0	6.3	5.5	1.5	.0	.0	.0		86.7
5.	2.4	1.2	- 0	.0	.0	.0	. 5	3.5	2.9	4.7	.0	.0	.0		88.8
•	4.3	.0	.0	. 0	. 5	.5	.0	4.3	.0	3.3	.0	.0	•0		92.4
*10	4.3	.5	4.7	.0		.0		13.0	4,3	1.1	.0	.0	.0		81.5
VAR	.0		.0						•0	-::	.0	.5	ò		
C 7 F ~	. 0	6.7	.0	•0	•0		•0	8.7	4.3	8.7	•0	.0	•0		78.3
TOT PLT TOT CBS:	2.5	1.5	1.9	.0	•0	•6	•0	5.6	3.4	3.4	•0	•0	•0	•0	87.7

TARLE 2

### PERCENT PREQUENCY OF MEATHER OCCURRENCE BY MOUR

			•	RECIPI	TATIS	TYPE					STHER	HEATHER	PHEND	MENA	
HOUR IGYTS	RAIN	PAIN SmeR	DAZL	#R7G #COA	SNOH	DTHER FRIN PCPY	HAIL	DE TIVE	PCPN PAST HINUR	THOR	FOG ATI PCPN	FOG NO PCPN PAST HR		SPRAY BLWG DUST BLWG SNOW	NO SIG WEA
12619 12619 12619 18621	1.5 3.9 .0 4.3	3.0 2.6 .0 2.9	1.5 2.6 1.5 1.4	.0	.0	.0	• • • • • • • • • • • • • • • • • • • •	6.1 9.1 1.5 7.1	4.5 3.9 3.1 1.4	.0 .0 3.1 11.4	••	.0	•0	•0 •0 •0	89.4 87.0 92.3 90.0
TUT PET	2.5	2.2	1.0	.0	•0	.0	•0	6.1	3.2	3,6	•0	•0	•0	•0	87.1

TABLE 3

### PERCENTAGE PREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		#I	ND 506	ED (KN	075)								POUR	(G4T)			
HND DIR	0-3	4-10	11-21	\$5-33	34-47	48+	TOTAL	PCT FREQ	PASP COR	00	73	06	9	12	15	18	21
N NE	1.5	1.7	• 1	-1	•0	•0		3.5 3.2	5.4	3.5	5.3	2.1 3.6	3.2 1.6	5.3 4.3	2.8	5.0 1.5	5.7 4.2
s e	2.7	5.6	, 1	• ?	.0	.0		19.1	6.1 7.1	8.5 27.1	13.2	8.5 23.0	15.8	14.7	13.9	7.5	5.2 15.1
5	5. ,	18.0	2.6	• 2	• 2	•0		25.0	6.0	23.1	13.2	25.1	20.1	31.2	25.0	23.3	27.4
\$ <b>~</b>	3.1	1r.9	2.7		•0	•0		16.1	6.5 7.2	14.0	25.3	15.0	17.9	19.9 7.5	16.7	16.0	6.1
N. VAR	1.7	3.2	.0	٥.	•0	.0		5.9 .C	6.3	3.5	18.4	6.4	6.3	3.9	16.7	6.3	5.7
TOT CBS	12.9	511	85	-	0	۰	*66	12.9	5.7	13.5	19	10.5	12.6		5.6 18	19.2	17.9
TOT PET	31.1	39.0	∍. έ	.:	•3	.š	-00	100.0				100.0					

TARLE 3A

WND DIR	0-6	#[%D 7-16	SPEEC 17-27	(KNGTS) 28-40	41+	TOTAL OBS	PCT FREQ	HEAN SPD	00	HDUI 06 0 <b>9</b>	12 12 15	18 21
•	2.7	.6	.1	.1	.0		3.5	5.4	1.3	2.4	5.0	5.3
<b>^€</b>	2.5	.7	•0	•0	.0		3.2	4.7	3.4	3.0	4.1	2.8
£	4.7	1.6	• 1	•0	.0		6.7	6.1	9.1	7.3	3.6	6.5
5E	9.7	9.2	. 2	iō	.0		19,1	7.1	25,7	20.9	14.6	15.3
5	14.8	10.2	.6	.0	.0		25.6	6.6	21.8	25.5	30.5	25.2
Š in	9.8	3.9	.4	ě	Ü		16.1	6,6	15,6	15.8	19.5	14.5
-	3.5	3.1	.3	.0	.0		6,9	7.2	5.7	7.5	8.6	5.8
NW	4.0	1.4	. 5	ě	.0		5.9	6.3	5.4	4.4	5,5	6.0
VAR	.0	.0	.0	•0	• 0		. û	.0	.0	.0	.0	.0
CALM	12.0						12.9	۰.0	12.1	11.2	1.4	18.6
TOT DES	340	285	20	1	0	866		5.7	149	330	151	236
TOT PCT	64.7	32.9	2.3	•1	• 0		100.0		100.0	100.0	100.0	

-	4	٠

PERIODI (PR		1914-1972 1857-1972
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TAPLE 4

AREA ODOB WEST BORNED .5N 107.3E

ERCENTAGE	FREQUENCY	u#	MIND	SPEED	24	HUUR	(GHT)

HQUR	CALM	1-3	4-10		SPEED ( 22-33		48+	MEAN	PÇT FREQ	TOTAL OBS
00603	12.1	17.4	60.4	10.1	.0	•0	.0	5.8	100.0	147
06609	11.2	19.4	50.7	12.4	. 3	.0	.0	5.9	100.0	330
12615	8.4	17.2	63.6	10.6	•0	.0	.0	6.2	100.0	151
18621	18.4	17.4	58.5	5.5	.0	.0	•0		100.0	236
TÕT	112	157	511	85	1	Ö	Ó	5.7	••••	866
PCT	12.9	10.1	59.0	9.8	.1	• 0	.0		100.0	-

TAPLE 5

TABLE 6

				-								-						
•	CT FRE			CIBUD A		1 € 1 GHT 1-5 )		1					CEILIN					
WND DIR	0-2	3-4	5-7	8 & 085C0	TOTAL COS	HEAN CLOUD COVER	000 149	150 294	300 594	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 79 <b>9</b> 9		NH 45/8 ANY HGT	
N	.7	1.2	1.4	.0		4.6	•0	۰٥	.0	•0	1.4	• • •	.0	•0	•0	.0	1.9	
NE	.0	2.3	.0	.0		3,3	•0	•0	.0	.0	• 0	.0	.0	•0	.0		2.3	
6	1.2	1.7	1.7	•0		3.6	•0	•0	٥	.0	.7	. 5		•0	.0	.0	3.6	
ŠΕ	2.0	5.6	7.8	1.0		4.4	•0	•0	ō	1.4	2.3	.9	ě	.0	.0	ŏ	12.7	
•	5.2	6.8	11.3	5.4		5.0	• 6	•0	.0	.0	3.6	1.2	.0	.0	.0	• 2	23.8	
ŠW	3.3	2.6	8.0	4.0		5.3		. 0		.7	2.4	2.3	.7	.0	.0	်	11.8	
ű"	1.0	1.6	3.8	1.4		5.4		Ĭ	. č	. 5	2.0		ė	·c	.5	ň	7.3	
NW	1.7	.3	2.8	• • • •		5.2				.,					.7	•	4.0	
							•0		• 0		•0	•0	•0	•0		•0		
VAR	•0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0	.0	•0	•0	• • •	•0	
CALM	4.2	4.9	2.8	• 7		3.5	•0	• ^	•7	• 0	•0	•0	.0	•0	•0	•0	11.8	
TOT UAS	29	39	57	19	144	4.7	Ó	0	1	5	15	7	1	0	1	0	114	144
TOT PCT	20.1	27.1	39.6	13.2	100.0	-	•ŏ	• •	, Ť	3.5	10.4	4.9	ř.	•0	, Ŧ	•0	79.2	100.0

TABLE 7

### CUMULATIVE PCT FREQ OF RIMULTANEOUS DCCURRENCE OF CEILING HEIGHT (NH 34/9) AND VSBV (NH)

				VSBY (44	1)			
CEILING	e DR	■ FIR	a DR	r fik	e DR	■ (?R	• 04	# OR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
• FR >5500	.7	.7	.7	.7	.7	•7	.7	.7
• DR >5000	.7	.7	.7	.7	.7	.7	•7	.7
• DR >3500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
■ DR >360	16.1	20.1	20.1	20.1	21.5	21.5	21.5	21.5
# DR >150	16.1	20.1	20.1	26.1	21.5	21.5	21.5	21.5
■ DR > 0	16.1	20.1	20.1	20.1	21.5	21.5	21.5	21.5
TOTAL	24	30	30	10	32	32	32	32
TOTAL	24	30	30	20	32	32	32	3

TOTAL NUMBER OF DESI 149

PCT FREG NH <5/81 78.5

TABLE 74

### PERCENTAGE FREQ OF COM CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	9.0	BSCD	OBS
.6	22.2	24.6	20.4	7.8	9.4	4.8	4.0	5.4	•0	167

PERIODE	(PRIMARY)	1914-1972
	/DVER-ALL S	1867-1672

TARLE	e
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AREA 0008 WEST BONNED .SN 107.3E

••••			**************************************											
		P	RCENT				CTION Y					URRENC	€ OF	
VSBV (NM)			46	E	\$E	\$	\$ <b>*</b>	¥	Nw	VAR	CALM	PCT	TOTAL DBS	
	PCP	.0	. ^	.0	.0	.0	• 0	.0	.0	. 0	• ^	.0		
<1/2	NO PCP	.0	.0	• 0	.0	.0	.0	.0	•0	.0	• 0	.0		
	TOT \$	.0	.0	•0	.0	.0	•0	.0	•0	.0	,0	.0		
	PCP	.0	.0	.0	.4	.0	•0	• 2	•0	.0	•0	.4		
1/2<1	NO PCP	.0	٠,	.0	.0	•0	.4	.c	.0	.0	.0	.4		
	TOT %	.0	ū	.0	. 4	.0	.4	.0	.0	.0	•0	.7		
	PCP	.0	.0	.0	.0	.0	•0	.4	.0	.0	•0	.4		
1<2	NO PCP	.9	• 0	• 0	• 0	.0	• ^	•0	•0	•0	• 0	.0		
-	TOT \$	.0	•0	•0	•0	•0	•0	. •	• 0	•0	•0	• •		
	PCP	.0	. 5	.4	.0	.0	•0	•0	.4	.0	•0	.7		
2<5	NO PCP	.c	.0	• 9	. 2	. 2	.4	.0	.0	. 0	•0	.7		
	TOT \$	.0	•0	.4	. 2	. 2	.4	•0	.4	.0	•0	1.5		
	PCP	.0	.0	٠.	.4	.4	• •	.0	.7	.0	.4	1.9		
5<10	NO PCP	1.5	.0	1.3	>.3	3.0	4.0	1.4	1.6	.0	• 7	16.8		
	TOT %	1.5	• 0	1.3	5.7	3.4	2.0	1.4	2.3	.0	1.1	18.7		
	PCP		.0	.0	•1	1.2		.0	•0	.0	.4			
10+	NO PCP	2.8	2.7	3.5	14.6	20.5	12.6	6.3	5.9	.0	7.:			
	TOT \$	2.6	2.7	3.5	14.7	21.7	13.2	6.6	5.9	•0	7.5	78.7		
	TOT CBS												268	
	TOT BCT	4.3	2.7	5.1	21.0	25.1	15.9	8.6	8.6	-0	B.A	100.0		

ARLF .

vsey (NM) c1/2 1/2<1	SPD KTS 0-3 4-10 11-21 22+ TOT 4 0-3 4-10 11-21 22+ TOT \$ 0-3 4-10	N	NE	E 00000 0000	SE .0 .0 .0 .0	.00.00	.00000	.0	NW .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 .0	.0	0 .0 .0 .0	TOTAL OBS
1/2<1	4-10 11-21 22+ TOT 4 0-3 4-10 11-21 22+ TOT \$ 0-3 4-10	.0		0000 0000	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	11-21 22+ TOT 4 0-3 4-10 11-21 22+ TOT \$ 0-3 4-10	.0	.00.00	0000	•0	.0	.0	.0	.0 .0	•0		.0	
	22+ TOT 4 0-3 4-10 11-21 22+ TOT \$ 0-3 4-10	.0		.0	.0 .0	•0	.0	.0	.0	•0		.0	
	TOT 4 0-3 4-10 11-21 22+ TOT \$ 0-3 4-10	.0	.0	.0	•0	.0	•0	.0	.0	٠.		.0	
	0-3 4-10 11-21 22+ TOT \$ 0-3 4-10	.0	.0	.0	•0	•0	•0						
	4-10 11-21 22+ 707 \$ 0-3 4-10	.0	.0	•0	.0	.0		•0	.0	.0	-0	. 0	
	11-21 22+ TOT % 0-3 4-10	.0 .0	.0	.0									
1<2	22+ TOT \$ 0-3 4-10	.0	. 0	.0	. 2		.0	.0	.9	.0		٠.	
1<2	TOT \$ 0-3 4-10	•0				•0	. 2	•0	.0	.0		. •	
1<2	0-3 4-10		. ၁		.0	.0	.0	.0	.0	.0		.0	
1<2	4-10	. 2		•0	• 2	• 0	.2	.0	•0	.0	•0	.4	
1<2			.0	.0	.0	.0	.0	.0	.0	.0	.0	. 2	
		.0	•0	.0	.0	. 2	•0	•0	•0	.0		. 2	
	11-21	.0	•0	.0	.0	.0	٠.		-1	.0		.4	
	22+	<b>~</b> 0	•0	•0	•0	•0	•0	•0	•0	.0		•0	
	TOT #	•2	•0	• •	•0	•2	•0	.3	•1	•0	•0	. 8	
	0-3	.2	.0	.0	.0	•0	٠٥	٠.	.0	.0	•2	. • •	
2<5	4-10	.0	•0	٠2	• 1	. 2	• •	- 1	• 2	.0		1.2	
	11-21	٠0	.0	•0	.0	•0	•0	٠.	. 2	.0		. 2	
	22+	.0	•0	•0	•0	•0	• 0	٠,	• •	•0	_	.0	
	TOT \$	•2	.0	. 2	.1	.2	.4	• 3	.4	•0	•2	1.5	
	0-3	• •	•0	.0	.6	. 5	3	. 2	.5	.0	1.0	3.4	
5<10	4-10	. 3	.2	.6	1.9	1.4	1.1	.8	.6	٠.		6.9	
	11-21	.0	•0	•1	. 8	.2	.3	• 2	. 5	.0		2.0	
	22+	•2	•0	• 0	.0	.0	.0	.0	.0	.0		2	
	TOT \$	.9	• 2	.7	3.3	2.0	1.7	1.2	1.6	•0	1.6	12.5	
	U-3	1.0			1.7	3,4	2.0	1.6	2.0	.0	12.1	25.5	
10+	4-10	2.0	1.2	3.1	10.4	17.0	10.2	5.1	3.2	•0		52.1	
	11-51	•1	٠,٥	.3	2.2	1.8	1.2	1.2	. 4	.0		6.0	
	55+	0	0	0	0	0	0	0	2.	.0		0	
	TOT %	3.1	2.1	4.2	14.2	22.2	13.4	7.0	5.5	.0	12.1	84.4	
	nT DBS	4.4	2.3	5.1	17.8	24.6	15.7	9.2	7.6	•0		100.0	49

PERIUD:	(PRIMARY)	1914-1972
	IDVER-ALL S	1857-1972

TARLE 10

AREA 0008 WEST BURNED .SN 107.3F

# PERCENT PREQUENCY OF CPICING HEIGHTS (FEET/NH >4/8) A4D OCCURRENCE OF NH <3/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	949	1000	2000 3499	4999	5000 6499	6500 7999	9000+	TOTAL	NH 45/8 ANY PGT	TOTAL
£030C	.0	.0	.0	3.0	9.1	.0	.0	.0	.0	•0	12.1	87.9	33
90309	٠.	•0	•0	9.1	4.4	9.1	2.3	.0	2.3	•0	29.5	70.5	44
12615	.0	.0	.9	•0	10.3	2.6	.0	.0	.0	•0	12.8	87.2	39
10621	.0	.0	2.4	2.4	14.3	4.4	.0	.0	.0	•0	23.8	76.2	42
191	0	0	1		16	. 7	1	o o	1	0	32	126	148

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY V581	( ( M )	ty Hour		CUMULAT					V58Y (NM)	
MOUR (GMT)	<1/2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TOTAL CBS</th> <th>HDUR (GMT)</th> <th>&lt;150 &lt;50YD</th> <th>&lt;600 &lt;1</th> <th>&lt;1000 &lt;5</th> <th>1000+ AND5+</th> <th>NH &lt;5/8 AND 5+</th> <th>TOTAL DAS</th>	2<5	5<10	10+	TOTAL CBS	HDUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DAS
€0300	•0	2.0	1.0	2.0	11.1	83.8	**	20300	.0	6.5	6.5	6.5	87.1	31
06609	•0	.0	1.3	.0	11.1	87.6	153	00300	•0	.0	9.5	21.4	69.0	42
12615	•0	.0	, 9	2.6	13.1	83.2	107	12615	.0	•0	.0	13.9	86.1	36
10621	•0	.7	.7	2.7	14.4	81.5	146	18621	.0	2.5	5.0	20.0	75.0	40
707 PCT	.5	. 6	1.0	1.5	63 12.5	425 84.2	505 100.0	TOT PCT	.0	3 2.0	5.4	24 16-1	117 75.5	149

TARLE 13

TABLE 1

				•		•									IADI	E 49				
	PERC	ELT 88	FOUENC	Y JF P	ELATIV	E HJMI	DITY B	Y TEMP	TOTAL	PCT		PEKL	ENT F	EQUENC	Y 0# 6	IND DI	RECTIO	N BY T	E"P	
TEMP F	0-29	30-39	40-47	50-59	40-6ª	70-79	40-89	90-100		PRES		HE	F	3.5	S	SW	w	NH	VAK	CALM
90/94	. ა	.:	• • • •	.0	7	.0	.0	•0	1	.7	.0	.0	.0	.0	.7	.0	- 0	.0	.0	.0
85/49	.0	.0	0.0	.0		17.0	9.2	1.3	49	12.0	. 0	1.3	1.5	9.0	8.1	3:8	2.0	1.6	.0	3.7
80/84	.0		.0	•0	. 7			5.2	97	63.4	1.3			14.7		9.3	4.9	4.7	.0	7.6
75/79		.0	.0	.0	.c	.0	.7	3,3			1.3	.0	.0	.0	1.3	.7				7.7
TOTAL	9	Ċ	0 (	0		67	65	15		100.0		•••	••	•	•••	• •	••	••	•••	• •
PCT	•3	.0		_	3.9	-		9.8	•-•		2.6	2.1	5.0	23.7	26.0	13.7	6.9	6.5	.0	12.4

TARLE 15

	"EANS,	H38TX3	ES AND	PERCE	TILFS	OF TE	TP (DE	C => 8	Y HOUR		PERC	ENT FRE	CUENCY	OF RELA	ATIVE H	U-10114	84 400	R
HOUR (GMT)	MAX	99%	45%	40%	54	1*	MIN	MEAN	TOTAL DBS	HBUR (GMT)	9-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00203 06607 12815 18821	94 94 89 89	89 91 88 86 90	86 89 86 85	83 85 83	79 80 79 79	76 75 77 73 77	75 73 73 75	83.2 84.5 83.0 82.6	151 326 147 233	00£03 00£09 12£15 18£21	.0	.0	10.8 5.6	34.3 54.1 47.5 36.2	54.3 29.7 40.0 51.1	11.4 5.4 7.5 12.8	82 77 79 82	35 37 40 47
101	7•	73.	• /	83	80	77	73	<b>\$3.</b> 5	859	TOT	o	0	6	48	70	15	•0	159

MAY

PERIOD: (PRIMARY) 1914-1972 (OVER-ALL) 1857-1972

TABLE 17

APEA 0008 WEST BORNED .34 107.3E

PCT	FRFO	3F	410	TEMPERATURE	(DEG	F}	ANC	The	DCCUPRENCE	۵F	FGG	CHITHOUT	PRECIPITATION)
				VS ATR	-CFA	TEI		47:10	. OTERCORNE	٠.			

AIP-SEA THP DIF	73 76	77 80	81 84	85 88	84 92	>92	TOT	FOC	40 FD6
9/10	.0	.0	٠.	.0	.0		Z	.0	.6
7/8	.0	• 0	1.9	. 2	.0	.0	Š		1.9
6	.0	•0	. 4	.0	.0	. c	5		
5	.0	•0	.c	.0	. 4	.0	ī		
4	٠.	•0	1.1	. 9	. 4	.0	į,		2.3
3 2 1 0 -1	.0	•0	. 4	1.5	1.5	.0	9	. 6	3.4
2	.0	• 0	1.5	4.6	• •	•6	16		5.1
1	. C	• 0	2.7	4,4	.0	•0	19		7.2
ò	. 8	•0	8.7	7.5	. 0		44	.,	17.1
-1	.0	•0	9.1	4.6	.0	·ó	36	.ŏ	13.7
-2	.4	.0	10.0	1.1	. 4)	•0	53		20.2
-3	.0	•0	8.0	1.1	. 4	,ŏ	25	.ö	9.5
-4	.0		9.1	.,,		ě	20	:č	9.9
-5	.4	•0	1.5		.0	.č	7	.5	2.7
-6	.0	. 4	1.1		.5	.0	Ś	.5	
-7/-8		1.1	.4	'n	.0	•0			1.9
-0/-10			.0		• 2	.0		•0	1.5
-11/-13	.c	.4		:^	. 0	•0	2	•0	• 6
TOTAL	- 1	• •	176	•	• 7	• •	1	•0	
	-	9	• , 0		•	_		٥	263
PCT	1.5	3.4	64.6	27.0	2.7		100.0		100.0

PERIJO: (CJER-ALI) 1943-1972

TABLE 16

				PC	T FRES	OF WIND	SPEEL	INTS! AND DIRE	. 46115	'ER5U\$ \$	FA HEIG	HTS (FT)	,	
HST	1-3	4-10	11-21	¥ 22-73	34-47	45+	PCT	1-3	4=13	11-21	22-33	34-47		
<1	.0	1.4	•0	•0	3.	.0	1.4	.0	144				48+	PCT
1-2	.0	.0	.0	.0			· c	ř	1.4	•0	•0	•0	•0	1.4
3-4	1.4	.0	.0	.0	ě.	.0	1.4	Ĭn.		.0	.0	•0	.0	1.4
5-6	•0	.0	.0	-0	.0	•0	.0	.0	•0	.0	•0			•0
7	• •	.0	•0	• 0	• 0	•0	•0	ió	.0	.0	.0	•0	.0	•0
6+9		.0	•0	.0		•0	.0	.0	.0		•0	•0	•0	•0
10-11	٠.	.0	• 0	.0	. 7	. ن		,0	, č		•0	•0		•0
12	.0	.0	• 0	.0	. 0	• 0	.0	.0	.0	.0	• • • • • • • • • • • • • • • • • • • •		.0	•0
13-16	• `	.0	.0	•0		•0	. 5	ň	ŭ	.č		•0	•0	•0
17-19	٠.	.0	.0	•0		• 0		.0		.0	•0		.0	.0
20-22	•0	.0	.0	•0	.0		٥.	'n		.0	•0	•0	٠٥	.0
23-25	.0	٠.	.0	.0		. c	.0		.0				•0	•0
26-32	••	.0	.0	•0	.0	.5	.0	•	.0	.0	•0	•0	•0	•0
33-40	.0	.0	•0	•0	.0		.0	.0	.0	•0	•0	•0	•0	•0
41-48	٠.5`	.0	•0	•0	.n	•0	.0		.0	•0	•0	• 5	•0	•0
49-60			.0		.0		•0	.0	•0		•0	•3	•0	•0
61-70		.5	•0	.5		•0	.0	.0	•0	•0	•0	• 0	•0	•0
71-86		9.	.0	.0		•0	C	.0	• 5	•0	٠.	•0	• 0	•0
<b>87</b> ◆	· c	.0	.0	•0		•0			•0	.0	•0	• • • •	•0	•0
TOT PCT	1.4	1.4	.0	.0	ì	•0	2.6	.0	2.6	•0	•0	•0	•0	•0
			• •	•••	•	•••	•••	•	•••	•0	•0	•0	•0	7.8
HGT	1-3	4-10	11-21	£22-33	34-47	48+	PCT	1=3	4-10	11-21	\$2 <b>-33</b>			
<1	. 6	.0	•0	.0	•0	.0	.0	2.8	5.9			34-47	48+	PCT
1-2		.ŏ	ň		.0			2.1	3,1	•0	•0	+0	•0	8.7
3-4	. 0	.0	.0	.0	•0	.0			4.2	.0	•0	•0	•0	5.2
5-0		.0		ě		:3	ŏ	0	·.č	3.6	• 6	٠C	•0	9,7
7	• 2	. 5	•0				•¢		.0	•0	•0	• 0	•0	•C
8-4	. 2	•0	•0	.0	•0	•0	.0	•0	•0	.0	•0	•0	•0	•0
12-11	• 7.	.0	•0	• • •	•0	•0		.0	•0	•0	•0	•5	•0	•0
14		• 0	•0	.0	•0	.0	.0	.0	•0	.0	•0	•0	-0	•0
13-16		.0	•0	• 0	.0	•0	•0	•0			•0	• C	•0	•0
17-19	• •		•0		.,		.0	'n	•0	•0	• • •	• •	•0	•0
20-22	. :	.0	.0	.0	.6	.ŏ	.0	.0	.0	•0	•0	•0	•0	•0
23-62	. ;	.0	•0	.0	.0		.0	•0	.0	.0	•0	•0	•0	•0
24-32	. 2	.0	• 0	.0	.0	.0	.0	•0		.0	•0	•0	•0	•0
33-40	. 7	. 6	ń	.0	.0	.0	.0	•0	•0	•0	•0	•0	.0	Ō
41-48		.,	.0	•0	• 2	•0	•0	•0	•0	•0	•0	• • •	.0	•0
49.50	• • •			•0	•0	.0	•0		•0	•0	•0	•0	•0	•0
61-75		.,	•0	•0	• • • • • • • • • • • • • • • • • • • •	•0	•0	•0	•0	•0	•0	•0	•0	•0
71-A6			.0	• 0	• 0	.0	.5	•0	•0	•0	•0	•0	.0	•0
87.	• •	.0	•0	•0	• 2	•0	.0	• 5	• 2	• 0	• •	•0	٠0	• 0
TOR PCT	.,	.5	.0	.0	• ''	.0	.0	.•2	0	•0	•0	•0	.0	.0
	٠.	•••	• • •	• • •	• 7	• •	•9	4,4	13.2	5.6	.0	•0	.0	23.6

									MAY							
PERIODI	(DVE	R-ALL)	1963-1	972				TABLE	18 (FONT	1			AREA		WEST BO! 5N 107.	
				PC	T FRED (	OF WIND	SPCED	(475)	AND DIREC	TION V	EP\$115 \$	CA HEIG	HTS (FT	,		
				S								SW	<b>.</b>			
HGT	1-3	4-10	11-21	22-33	347	48+	PCT		1-9	4-10	11-21	22-33	34-47	48+	PCT	
<1	•0	2.4	•0	•0	•0	.0	2.4		1.4		• 5	•0	.0	.0	1.7	
1-2	2.1	16.3	5.8	•0	.0	•0	21.2		• 0	4.3	• 0	•0	•0	.0	8.3	
3-4	• 0	2.4	•0	•0	•0	•0	2,4		•0	•7		•0	•0	•0	. • ?	
5-0	٠.٥	.0	•0	•0	•0	•0	•0		•0	• 9	1.4	•0	•0	.0	1.4	
	٠0	.0	•0	.0	.0	•0	•0		.0 .0	.0	•0	•0	•0	:0	•0	
1-11	.0	.0	•0	•0	•0	•0	.0		•0	.0	•0	•0	.0	:0	•0	
12	.5	.6	•0	.0	.0	.5			ó	.0	•0	.0	.0		•0	
13-10			•0		.0		ě		.0	. o	.5	.0	Š		iŏ	
17-19		.0		.0		.0			.0	.0	.0	.0	.0		ě	
20-22	.5		•0		. 0	.0	ě		.0	.0	.0		•0		.0	
23-25		.ŏ	.0	.0	'n	.0	.0			.0	.0	.0	.0	.0	·ò	
26-32	.č		.0	.0	.0	.0	.0		.0	Ü	.0	.0	•0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	• 0	.0	• 0	
49-00	.0	.0	• 0	.0	.0	.0	.0		۰	.0	.0	.0	•0	.0	•0	
61-70	.0	.0	•0	-0	.0	.0	•0		• 2	٠Ü	•0	.0	• 0	.0	•0	
71-66	.0	.0	•0	.0	•n	•0	.0		• 0	• 0	.0	-0	•0	.0	•0	
87+	.0	.0	•0	•0	.0	.0	•0		.0	.0	.0	.0	.0	.0	•0	
TOT PCT	2.1	21.2	2.8	•0	•0	•0	26.0		1.4	9,4	1.4	•0	•0	.0	12.2	
				v								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1=3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1		1.0	•0	.0	.0	.0	1.0		• 2	1.4	.0	.0	.0	.0	1.4	. • .
1-2	.0	1.0	1.0	٠٠		.0	2.1		1.4	3.1		.0	.0	.0	4.9	
3-4	Š	1.0	.0	.0	.0	.0	1.0		.0	.0	, 0	.0	•0	.0	.0	
5-0	.0	.0	.0	.0	٠.	.0	.0		•0	.0	.0	•0	•0	.0	•0	
7	.0	.0	•0	•0	.0	.0	•0		• 0	• 0	.0	.0	•0	.0	.0	
8-9	.0	.0	.0	•0	•0	.c	•0		•0	•0	.0	•0	•0	.0	•0	
10-11	. 3	.0	.0	.0	•0	•0	•0		•0	ن٠	•0	•0	•0	•0	•0	
12	.0	.0	•0	•0	.0	.0	•0		• 0	• 3	.0	•0	•0	.0	•0	
13-16	.0	.0	.0	•0	• 0	•0	•0		•0	• 0	•0	•0	•0	•0		
17-19	.0	.0	•0	•0	• າ	•0	•0		•0	ن.	•0	•0	•0	•0	•0	
20-22	• ?	.0	•0	•0	•0	.0	•0		•0	•0	.0	.0	•0	•0		
23-25	٠,	. 5	•0	•0	• 0	•0	•0		•5	• 0	•0	.0	•0	•0		
26-32	• 6	٠,	•0	.0	.0	.0	.0		• 2	•0	•?	•0	•0	• 5		
33-40	.0	.0	•0	•0	•0	•0	•0		•0	ن.	.0	.0	•0	.0		
41-48	•0	.0	•0	•0	٠,٥	•0	• 0		.0	•0	.0	•0	•0	.0		
49-00	•0	.0	•0	•0	۰.	••	•0		.0	.0	•0	.0	•0	.0		
61-70 71-86	•0	.0	•0	-0	.0	.0	•0		.0	.0	•0	•0	.0	.0		
71-86 87+	.0	.0	•0	•0	.0	:0	•0		•0	.0	•0	•0	.0	:0		
TOT PCT	.0	3.1	1.0	•0	.0	.0	4.2		1.4	4.5	.3	.0	•6	.0		77.8
rut PC1	•0	3.7	1.00	•0	•0	•0	702		107	400	.,	•••	••	••	0.5	

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
нет	0-3	4-10	11-21	22-33	34-47	48+	PCT	707 280
<1	27.4	13.7	.0	.0	.0	.0	41.1	084
1-2	5.5	32.9	4.1	.0	.0	.0	42.5	
3-4	1.4	8.2	5.5	• 0	.0	.0	15.1	
3-6	.0	.0	1.4	.0	.0	.0	1.4	
7	.0	ů	.0	.0	.0	.0	.0	
8-9	.0	.0	•0		.0	.0	.0	
10-11		•0			.0	.0	.0	
12	•0	• 5	•0		.0	.0	.0	
13-16		•0	.0		.0	.0	.0	
17-19		.0	.0		.0	.0		
20-22	.0	• 5	• 6		.0	ŏ	.0	
23-25		•0	.0		. 6		.0	
20-32		• 0	.0		.0	.0		
33-40	.ŏ	.ŏ					:0	
41-48		:0					3.	
	•0							
49-60	.0	•0	.0			.0	.0	
61-7C	.0	•0	•0	•0			.0	
71-86	•0	•0	.0	.0	.0	•0	.0	
87+	.0	.0	.0	.0	•0	.0	.0	
	-			-				73
TOT POT	34.2	54.3	11.0	.0	•0	.0	100.0	

PERIOD: (DVER-ALL) 1949-1972

TABLE 19

PPRCENT FREQUENCY OF WAVE MEIGHT (FT) VS WAVE PERIOD (SECONDS)

7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-

PERIDD	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN
(SEC)																					HGT
46.7	11.7	34.4	4.6	3.9	٠.0	.0	.0	.0	.0	.0	;0	.0	.0	.0	.0	.0	.0	,0	.0	75	2
6-7	• 0	3.1	7.8	1.6	. 8	٠.0	•0	•0	•0	٠.	.0	•0	.0	٠.0	•0	.0	.0	.0	.0	17	3
6-9	•0	1.6	•0	.0		.0	٠.	•0	.0	.0	•0	•0	.0	•0	.0	.0	.0	.0	.0	3	4
10-11	•0	.0	.0	.0	. 8	.0	•0	.0	•0	.0	.0	•0	.0	•0	.0	.0	.0	.c	.0	1	7
12-13	•C	.0	.0	.0	.0	.0	•0	.0	•0	.0	:0	.0	.0	•0	.0	.0	.0	.0	.0	0	
>13	•0	•0	.0	.0	-0	.0	•0	.0	• 0	• • • •	.0	•0	•0	•0	•0	.0	.0	•0	•0	٥	
INDET	23.4	. i	•0		.0	.0	•0	•0	.0	.0	.0	•0	•0	•0	.0	.0	.0	.0	.0	32	0
TOTAL	45	51	21		3	0	0	9	C	0	0	0	0	0	0	0	٥	0	٥	128	2
PCT	35.7	39.8	16.4	6.3	2.3	.0	•0	•0	• 0	.0	:0	•0	.0	•0	•0	.0	.0	.0	•0	100.0	

#### PERCENT FREQUENCY OF MEATHER OCCURRENCE BY MIND DIRECTION

				RECIPI	TATIO	TYPE					STHER	WEATHER	PHENDI	HENA	
WND CIR	RAIN	RAIN SHWR	DR7L	FRZG PCPN	SNOW	DTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HGUR	THOR LTYG	*0 *0 *0	FOG WO PCPN PAST HR	SHOKE	SPRAY BLNG DUST RLNG SNOW	
N	9.8	.0	.0	.0	.0	.0	.0	9.8	36.6	7.3	.0	.0	.0	.0	46.3
NE	.0	.0	.c	.0	.0	.0	.0	•0	10.4	.0	.0	.0	.0	•0	89.0
E	.0	.0	.0	.0	.0	.0	• C	٠.	•0	.0	.0	.0	,0	• 0	100.0
ŠĒ	.0	1.7		.0	.0	.0	. 0	2.5	•0	. 4	.0	.0	.0	•0	97.1
Š	4.3	. 9	.6	.0	.0	.0	.0	5.7	1.1	4.8	1.1	.0	1.1	•0	86.1
Šw	. 9	. 9	.0	.0	.0	-0	.0	1.7	6.6	5.1	.0	•0	.0	.0	86.3
. W	.0	4.4	5.4	.0	.0	.0	•0	10.3	5.0	.0	.0	.0	.0	•0	13.8
Nu	. 6	3.8	.0	.0	.0	•0	• C	3.8	15.4	3.8	.0	.0	.0	•0	76.9
VAR	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0
CALM	.0	.ŏ	.0	.0	.0	.5	• C	.0	.0	.0	•0	.0	•¢		100.0
TOT PC* TOT DBS:	2.0 249	1.2	. 5	.0	•0	.0	•0	4.0	4.0	2.0	.4	.0	.4	•0	88.4

TARLE 2

DERFENT	SECONEURY	ne.	MEATHER	DCCURRENCE	40	unite
PERCENT	PREGUENCY	U-	ME WILLEY	ULLUKKENLE	91	MUUK

				RECIPI	TATIO	TYPE					STHER	PEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN SHWR	DR7L	FRZG PCPN	SNOW	UTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PLPN PAST HDUR	THOR LTNG	FDG WD PCPN	FUG NU PCPH PAST HR	SMOKE	SPRAY BLHG DUST BLHG SNOW	NO SIG WEA
00203 06209 12215 18221	2.9 1.7 .0 5.6	1.4 1.7 1.3	.0 3.3 .0	.0	.0 .0 .0	.0 .0 .0	.0	4.2 6.7 1.3 5.6	2.9 3.3 7.9 1.9	.0 2.6 11.1	.0	.0	1.4 .0 .0	•0	89.9 90.0 88.2 81.5
TOT PCT	2.3	1.2		.c	•0	•0	•0	4.2	4.7	3.1	.4	.0	.4	•5	87.6

TARLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			22-33 (KND)		48+	TGTAL GBS	PST FREQ	MEAN SPD	60	3	06	90 90	(GMT) 12	1"	18	21
N NE	1.4	1.2	:2	•0	•0	.0		2.6	4.3 5.3	1.5	3.6 21.4	4.2	3.4 4.3	2.5	5.9	2.1	.9 3.1
E	1.1	6.1	.7	.0	•0	•0		7.8	7.6	8.7 27.4	10.7	29.3	6.7 19.2	22.4	6.8	3.2	13·2 23·2
S E S	2.9 4.1	21.3	4.2 5.7	.1	.0	•0		31.1	7.4	32.5	14.3	27.4	28.4	37.4	52.9	34.9	25.4
Sw	1.3	9.4	2.3	• 1	•0	•0		13.1	7.9 6.9	12.5	10.7	12.6	17.5	9.9 8.8	26.5	14.9	11.4
Nw Nw	1.3	4.1 2.2	.,	•1	•0	•0		3.8	6.3	2.1	3.6	3.5	4.3	4.6	.0	5.3	3.5
VAR		•0	.0	٠.	.0	•0		.0	•0	.0		.0	0	.0	• 0	- 0	14.9
CALM TOT CBS	8.6 202	569	130	2	0	,	903	8.6	6.6	6.2 146	14.3	8.0 226	11.5	6.0 151	5.9	7.6 131	114
TOT PCT	22.4	63.0	14.4	• 2	•0	• 0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

NND DIR	0-6	#IND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL DBS	PCT FREQ	KEAN SPD	00 03	HDUR 06 09	(GHT) 12 15	18 21
N	2.1	. 5	.0	.0	.0		2.6	4.3	1.7	3.9	2.2	1.5
NE	2.1	.5	•0	•0	.0		2.6	5.3	3.3	2.4	3.1	2.0
F	5.0	2.7	. 2	•0	.0		7.8	6.4	4.9	6.7	5.1	10.5
SE.	11.2	12.0	.2	•0	.0		24.0	7.6	25.6	20.1	21.0	21.5
5	15.4	14.9	. 9	•0	•0		31.1	7.4	30.9	27.7	39.0	30.5
Šw	5.8	6.5	. 8	.0	.0		13.1	7.9	12.3	14.2	11.6	13.3
W	3.6	2.0	. 4	.0	.0		6.3	6.9	7.2	6.0	7.9	5.1
ÑW	2.2	1.6	.0	·ò			3,8	6.3	2.2	3.1	4.2	4.5
VAR	.0	.0	.0	.0	:0		.0	.0	.0	.0	.0	.0
CALM	8.6						8.6	.0	6.9	7.1	6.0	11.0
TOT DAS	508	367	28	٥	C	903		6.6	160	330	168	245
TOT PET	56.3	40.6	3.1	•0	•0		100.0		100.0		100.0	

PEKICD: (PRIMARY) 1910-1972 (CVER-ALL) 1856-1972

TARLE 4

CEPTOR TEST BORNED .49 107.3E

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

				w I ND	SPEED (	KNATSI			PCT	TOTAL
HJUR	CALH	1-3	4-10	11-21	22-33	34-47	48+	"EAY	FREQ	385
60200	6.9	15.6	61.3	16.3	.0	.0	.0	6.7	100.0	160
90340	9.1	12.7	62.1	15.8	. 3	.0	• 0	0.7	100.0	330
12615	6.0	14.9	62.5	16.7	.0	.0	.0	7.1	100.6	166
19621	11.0	13.1	65.7	9.6	. 4	.0	.0	6.0	100.9	245
TUT	78	124	569	130	2	Ü	9	6.6	•	903
PCT	4.6	13.7	03.0	14.4	• 2	د. ٠	٠.		103.3	

TABLE 5

TABLE 6

P	CT FRE			CLOUD M		(E1G4T45)		•					CEILIN NH <5/					
WND DIR	0-2	3-4	5	8 & n8500	TETAL CBS	MEAN CLOUD COVER	000 149	150 290	300 599	999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999		NH <5/8	
N	.0	1.8	1.3	2.3		6.3	•0	•6	• 2	.7	2.3	• 9	.0	10	•0	.0	2.5	
NE	. 3	.0	1.3	1.0		6.1	•0	.0	. 7	.0	. 3	.7	• 0	•0	.0	.0	1.0	
E	1.5	. 7	3.5	.0		4.4	•0	• 0	ō	. 5	.0	.5	.0	•0	• 0	.0	4.6	
ŠF	5.0	A.1	10.7	2.6		4.4	• 0	.7	1.0	. 8	. 7	• 2	.0	.7	•0	.7	20.7	
5	7.1	7.9	12.0	7.1		4,3	• 6	.0	. 3	2.0	2.5	1.6	.0	•0	•0	.0	27.5	
Š۸	1.0	.7	3.5	5.6		6.3	•0	٠,	.0	. 3	2.1	• 2	.7	•0	•0	.0	7.6	
_	.0	2.3	4.1	1.8		5.5	•0	.0	.0	1.0		.0	.0	•0	• 0	.0	6.1	
Nw	.c	. 3	1.5	.7		4.5	•0	• 0	.0	•0	. 8	.0	.0	-0	•0	.0	1.6	
VA4	.0	.0	.0	-		.0	.0		.0	.0	.0	-0	.0	.0	.0	-0	.0	
CAL	.0	2.0	3.3			5,3	•0		.0	.7	. ,	.0	.0	•0	•0	.0	3.9	
TOT IRS	24	33	63	32	152			•	ž	10	15	5	Ĭ.	- 1	ő	•	115	152
for ict	15.6	21.7	41.4		100.0		٠ŏ	. ;	2.0	6.6	9.9	3.3	• 7	• 7	•0	÷,	75.7	100.0

TARLE 7

CUMULATIVE PCT FREC	OF SIMULTANEOUS OCCURRE	NCE
	(NH 34/8) AND VSBY (NH)	

				A384 IV.	.,			
CEILING	■ 18	• DR	= DR	- PŘ	⇒ DR	- CR	■ DR	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
= DR >6500	.6	. 6	.6	.6	.6	.6	.6	.6
■ CR >5000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
■ OR >3500	1.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9
■ DR >2000	4.4	5.1	5.1	5.1	5.ì	5.1	5.1	5.1
# PR >1000	13.3	15.2	15.2	15.2	15.2	15.2	15.2	15.2
■ PR >600	18.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5
• DR >300	19.6	23.4	24.1	24.1	24.1	24.1	24.1	24.1
■ DR >150	20.3	24.1	24.7	24.7	24.7	24.7	24.7	24.7
. 08 > 0	20.3	24.1	24.7	24.7	24.7	24.7	24.7	24.7
TOTAL	32	36	39	39	39	39	39	39

TOTAL NUMBER OF DBS: 158

PCT FREQ NH <5/81 75.3

TABLE 74

PERCENTAGE FREQ C# (Ow CLOUDS (EZGHTHS)

C 1 2 3 4 5 6 7 8 DSSCD TOTAL CBS

2.3 16.9 27.1 16.9 11.9 6.8 2.3 4.0 11.9 .0 177

PERIOD:	(DRIMARY)	1910-1972
	(DVER-ALL)	1854-1972

TARLE P	AREA OONS	BORNED 107.3E
TARLE P	#### 0011 <b>9</b>	

		4	PERCENT	FREQ PREC	OF WIN	D DIRE	CTILN TH VAR	VS DCG VING V	LRRENCE ALUES !	E OR '	IBILI	CURRENC 1 Y	E OF
V58Y (NF)		, k	NE	ŧ	Sē	\$	Sw		Nw	VAR	CALH	PCT	TOTAL
	PCH	.0	.0	.0	.0	.0		, c	.0	.0	. 6	.5	
<1/2	NO PCP	.0	.0	.0	.0	• 0	. 0	0	.0	.0		.0	
	TOT \$	.0	.0	•0	•c	•0	•0	• 0	.0	.6	.0	.c	
	PCP	.0	٠,	.0	•0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	NO PCP	.0	• C	•0	•0	• 0	•6	.0	•0	.0	.0	.0	
	TOT %	٠.	.6	.0	•0	•0	• ^	.0	.0	.0	•€	.0	
	PCP	.0	.0	.c	•0	•0	• r	.4	.0	.0	• 0	.4	
1<2	NO PCP	•с	.^	٦.	٦.	٠,		٠.	2.	.0	. 0		
	TD* %	• C	.0	.0	٠.	•0	•0	.4	•0	.0	.0		
	FCP	.0	.6	٠.	•0	•0	• •	.3	•1	. 0	.0	.4	
2<5	NO PCP	٠.	٠.	.0	. 4	1.2	• 0	.0	.0	.0	.0		
	TrT %	.c	.0	• 0	.4	1.2	•0	. 3	•1	.0	• 0	2.0	
	PCP	٠.	.6	•^	•6	. 7	• 1	. 0	.5	. c	3.	, е	
5<10	NO PCP	.0		. 2	4.5	3.0	2.4	7.0	.4	.0	.4	13.8	
	TOT &	.0	.4	• 2	4.9	3.7	2.5	2.0	.4	.0	. 4	14.6	
	PCP	. 4	٠.	• C	٠.	1.3	• 1	.0	•0	.0	.0	2.4	
10+	NO PCP	3.7	4.5	5.4	18.1	26.9	9.2	4.1	2.1	.0	4.5	80.6	
	TOT %	4.1	4.5	5.4	10.7	30.3	9.3	4.1	2.1	ŏ	4.5	63.0	
	TOT DBS												247
	TOT PCT	4.1	4.9	5.6	24.0	35.2	11.5	5.5	2.6	• 5	4.2	100.0	•

TABLE 9

							VALUE				ΕD		
VSBY (MV)	SPD KTS	N	NE	E	SE	S	Sw	*	NW	VAR	CALM	PCT	TOTAL
	0-3	.0	. 0	.c	.0	.0	.0	.0					285
<1/2	4-10	.0	.0	:6	.3	:3	:,	.0	•0	٠,٥	.0	• 0	
/-	11-21	•0	.0	.0	•0	.0	·c	.0	.0	•0		.6	
	22+		•0	ě	.0		.0	ň		.5		.0	
	TOT %	•0	.0	.0	.3		÷	.0	.0	.0	.0	:6	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	• 0	•0		•0		. 5	.0	• 0		••	.0	
	11-21	٥.	.5		ŏ	:0	.ŏ	.0	, ó				
	22+	. 0				.c	٠.	.0	.0	٥.		.0	
	TOT \$	ŏ	40	.6	.0	.0	:5	Ü	• 5	.0	.0	.6	
	0-3	.0	.0	•0	•0	.0	.0	.0	.0	٠.	٠.٥	.0	
1<2	4-10		.0	.0	.0	.0	. 2	. 2	. 1		• • •	.2	
	11-21	.0	•0	. 0	.5	.c	. 3	.0	. 0	3.		.5	
	22+	.0	• 0	• 0	• 0	.0	• 0	.0	. 9	.0		.5	
	TOT %	.0	.5	•0	•0	.0	.0	. 2	•0	.0	•0	ž	
	0-3	.0	٠.	•1	•1	• 0	-1	. 3	,1	.0	.0	.4	
2<5	4-10	.0	•0	• 0	. 4	. 0	٠.3	.0	.0	.0		1.1	
	11-21	.0	•0	• 0	•0	.0		.0	.0	ě		.2	
	22+	•0	.0	•0	• 0	•0	.0	.0	.0	.0		.0	
	TOT #	•0	.0	•1	.5	.6	.3	.3	. 1	•0	.0	1.9	
	0-3	.0	.0	•0	.2	.0	.2	. 3	-1	٠.	.4	1.3	
5<10	4-10	.0	.2	. 5	1.6	1.3	1.6	1.0	. 2	•0		5.5	
	11-21	.0	•0	•0	1.1	1.0	.2	.1	.0	.0		2.4	
	22+	.0	•0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	.2	.5	2.9	2.4	2.0	1.4	.3	۰.	.4	10.2	
• • •	0-3	1.3	1.0	1.2	1.5	3.7		1.3	.9	.0	6.5	18.1	
10+	4-10	1.5	1.2	5.7	15.7	20.0	1.0	2.4	.9	.0		95.7	
	11-21	.0	.4	.6	3.3	5.7	2	• •	.5	•0		13.2	
	224	.0	.0	. c	.0		•	.0	.0	۰.		0	
	TOT \$	2.8	5.6	7.5	20.5	29.5	14.0	4.5	2.3	•0	6.5	37.0	
	nt OAS												463
,	INT PCT	2.8	2.4	R.2	24.2	32.8	13.3	6.4	2.7	.0	6.9	100.0	

PERIODI	(PRIMARY)	1910-1972
	IRUED-ALL 1	1854-1972

TAPLE 10

REA 0000 WEST BORMED AN 107.3E

PERCENT	FREGUENCY	OF.	Ç#	Ę	NG	HEIGHT	S	(FEET, NH	>4/61	ANI

404R (64T)	000 149	150 299	300 566	600 959	1960 1999	2000 3499	1500 4957	5000 6499	6500 7999	6000+	TOTAL	NH <5/8 ANY HGT	TOTAL CB9
00603	.0	.0	6.3	4.2	12.5	4.2	.0	.0	.0	2.1	29.2	70.8	48
90300	.0	2.6	2.6	5.1	5.1	2.6	.0	2.6	.0	•0	20.5	79.5	39
12615	.0	.0	.0	5.9	3.9	3,4	.0	.0	•0	•0	13.7	86.3	51
18621	.0	.6	•0	8.8	17.6	.0	2.9	.0	•0	•0	29.4	70.6	34
TOT PCT	.0	.1	2.3	10 5.8	16 9.3	2.9	. 6	. 4	0	1	39	133	172

TABLE 11

TABLE 12

		PEPCENT	FREQUEN	Y VSRY	(NH)	BY HOUR		LUHULAT	CEILIN	FREG G HGT	UF RAN	GES OF NH >4/8	(NF) YBZV SUDH YBCL	AND/OR
HOUR (GMT)	<1/2	1/2<1	1€?	2<5	5<10	10+	TOTAL 085	HOUR (GMT)	<150 <50YD	<600 <b>&lt;</b> 1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL OBS
00603	•0	.0	•0	2.9	12.6	84.5	103	E0300	•0	6.5	10.9	19.6	69.6	46
90360	.8	.0	.8		7.2	90.4	125	06609	.0	5.7	14.3	11.4	74.3	35
12615	.•	.0	.0	3.5	10.6	85.0	113	12615	•0	.0	6.5	8.7	84.8	46
18621		.0	•0		12.1	86.4	132	18821	•0	•0	9.7	22.5	67.7	31
TOT PCT	.6	.0	.2	9 1.9	50 10.6	410 86.7	473 100•0	TOT PCT	•0	3 · 2		24 15•2	118	158 100+0

TARLE 13

TABLE 14

TABLE 16

	PERC	ENT FR	EQUENC	Y 3F P	ELATIV	E HUMI	DITY B	Y TEMP				PFRC	ENT FR	EQUENC	Y DF N	IND DI	RECTIO	N BY TI	E #P	
TEMP F	0-29	30-39	40-49	90-59	40-69	70-79	80-89	90-100	TOTAL	PCT	N	NE	E	SE	s	SW	d	NW	VAR	CALM
90/74 85/89 80/84 75/79	•0	.0	.0	•0	1.7	17.3 31.6	.0 7.8 31.6 3.4	1.1	1 40 124	71.3	1.0 3.7	.0 1.6 1.6	1.7 4.2	5.5 21.4	6.8 23.3	.0	2.9 4.3	.0 .1 1.6	••	2.9 2.3
TOTAL PCT	.0	•0		0		74	78 44.8	16	•	170.0	.0 4.7	3.3	.0 5.9	27.4	32.3	10.6	.6 7.8	2.9	.o	.c 3.2

	MEANS,	EXTREM	S AND	PERCEN	TTLES !	]F TE*	IP (I)E	G F) 0	Y HOUR		PERC	ENT FRE	BUENCY	OF RELA	TIVE H	YTICIM	BY HUUR	
HOUR (GPT) 00603 04609 12615 18621 TOT	90 94 88 86	99% 88 91 87 85	95% 86 88 86 85 87	50% 83 04 83 83 83	5% 79 79 80 79 79	1% 76 76 77 75 76	4IN 75 75 77 74 74	#EAN #2.9 #4.1 #3.2 #2.5 #3.3	TOTAL OBS 156 328 165 243 392	HDUR (\$41) 00003 00009 12615 18621 TOT	0-29 .0 .0 .0	30-59 .0 .0 .0	69=69 7.5 3.8 2.4	70-79 35.4 45.0 41.5 50.0	\$0~69 54.2 40.0 43.4 40.5	90-100 10.4 7.5 11.3 7.1	MEAN 81 79 81 80 80	TOTAL DBS 48 40 53 42 183

JUNE

PERIOD: (PRIMARY) 1910-1972 (OVER-ALL) 1856-1972

TABLE 17

AREA 0000 WEST BORNED .4N 107.3E

PCT FREQ OF AIR	TEMPERATE VS	RE (!	DEG F	) AND Emper	THS :	DCCURRE DIFFER	NCE OF F ENGE (DE	DG (#1 G F)	THOUT (	PRECIPITATION)
	AIN-SEA THP DIF	73 76	77 80	81 84	85 68	92	7.17	<b>FD6</b>	بان 10 م	
	7/8 5	.0	.0	1.3	:3	•0	2	.0	2.5	

#IK-SEA	73	77	61	85	84	7.)7	*	ل نہ
THP DIF	75	₩0	84	68	92		FDG	FÜU
7/8	.0	.0	.0	, ;	.0	2	.0	. 9
5	.0	.0	1.3	.4	.9	6	. 0	2.5
•	.0	.0	1.3	.0	.0	3	.0	1.3
3	.0	.0	.0	. 4	. 4	3 2		. 9
4 3 2: -1	.0	.0	1.7	3.4	. 4	13	.0	5.0
i	.0	.0	3.4	4.7	• 0	19	• 0	8.2
ī	.0	.0	13.8	2.2	. 0	37	•0	15.9
~i	•0	.0	6.9		.0	25	•0	10.8
-ż	.0	, 9	14-2	3,9	- 2	74	• 0	19.0
-2 -3 -4 -5	.0	.9	8.6	1.3	•0	75	•0	10.8
-4	.0	3.4	8.2	.4	•0	28	• 0	12.1
-5	.0	1.3	2.2	.9	.0	10	•0	4.3
-6	.0	.4	1.7	.0	.0	5	.0	2.2
-7/-8	. 4	1.3	2.2	.0	.0	9	.0	3.9
-9/-10	.4	.9		.0	.0	3	.5	1.3
-11/-13	.4	.0	.0	.0	.0	ĭ		4
TOTAL	3		152		4	•	0	232
	-	21		52		232	-	
PCT	1.3	9.1	65.5		1.7	100.0		100.0

PERIOD: (OVER-ALL) 1963-1972

AND AND ADDRESS OF THE PARTY OF

				Pr	T FRED D	FWIND	SPEED	(KTS)	AND DIREC	TIUN V	EPSUS S	EA HFIG	HTS (FT)		
				N								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-17	11-21	22-33	34-47	48+	PCT
<1	.0	1.3	.0	•0	.0	.0	1.3		•0	1.3	.0	•0	•0	.0	1.3
1-2	.0	.0	•0	.0	.0	.0	•0		•0	.3	.0	•0	•0	.0	.3
3-4	.0	.0	•0	.0	• 2	.0	•0		• 2	• • •	1.3	-0	•0	• • •	1.4
5-6	• 0	.0	•0	.0	.0	•0	•0		• 0	.0	.0	•0	•0	.0	.0
.7.	• 0	.0	•0	.0	.0	•0	•0		• C	•0	• C	•0	•0	•0	•0
8-9	•0	.0	•0	-0	• ?	٠.	•0		• 7	.0		-0	• 0	.0	٠ņ
10-11	.0	.9	•0	•0	• 3	٠,٥	•0		•0	ن٠	• •	•0	•5	• • •	.0
12 13-16	•0	.0	•0	.0	•0	•6	•0		•0	.o .o	•0	•0	•0	•0	.0
17-19	.0	.0	•0	.0	•0	.0	.0		.0	•0	•0	• C	•0	.0	.0
20-22		.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	:0	.0
23-25	:0	.0	•0	.0	•0	.0	.0		•0	:0	•0	.0	•0	.0	:0
26-32			•0	.0		:0	.,		ŏ	.5	•0		.0		٥٠
33-40	ŏ		•0	•0	.0	.0			• 0		.0		•0	.0	ö
41-48	.5	.ŏ	.0	.0	.0	.0			• 6	.0	.ŏ	.0	ěŏ	.ŏ	ŏ
49-60	.0	• 0	•0	• 5	.0	• 6	•0		• 0	٠٠		.0		.5	
61-70	.0	.5	•0	.0	•0	• 0	ě		. 0	•0			• 5		
71-86	.0	•0	•0	•0	•0	•0	.0		•0	.0	•0	.0	•0	•0	.0
874	.0	.0	•0	•0	.0	.0	.0		.0	.0	.0	•0	•0	.0	.0
TOT PCT	.0	1.3	•0	.0	.0	.0	1.3		.0	1.6	1.3	.0	•0	.0	2.8
				_											
				E 22-33	34-47					4-10		SE			
HGT	1-3	4-10	11-21			48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1 1-2	.0	1.3	•0	.0	• • •	٥.	1.3			11.3	.0	-0	•0	•0	2.5
3-4			.0		.0		3,1		1.6	0.0	3	.0	•0	٠.	13.1
5-6	.0	.0	.0	.0	.0	.0	.0		•0	0.0	2.5	.0	•0	•0	2.4
7		.5	.0	:0	.0	:0			.0	.0			.0		2.0
9-7	.6	.ŏ	•0	.ŏ	ě		.ŏ		,ŏ	.0		.0	.0		.0
10-11	.0		.0	.0	ě	.0	.0		.0	.0				ö	.0
12			.0						ö	.0	.0				ě
13-16	.0	.5	.0	.0	.5	.0	.0		.0	,0	.0	.0	.0	.ŏ	ō
17-19	.0	.0	.5		.5	. ŏ	.0		•0	.0	•0	•0	•0	.0	Ö
20-22	.0	.0	•0	-0	.5	.0	•0		.0	.0	.0	•0	• 2	.0	
23-25	٠٥.	.0	•0	•0	.0	•0	.0		•0	.0	.0	•0	•0	.0	.0
26-32	•0	-0	•0	•0	• •	•0	•0		•0	•0	•0	.0	•0	.0	.0
33-40	.0	.0	•0	-0	•5	• 6	•0		• 9	• 3	•0	•0	•0	.0	.0
41-48	.0	.0	•0	•0	•0	•0	•0		•0	•0	.0	•0	•0	.0	•0
49-00	•0	٠Ģ	•0	•0	•0	•0	.0		•0	• 0	.0	.0	•0	.0	.0
61-/0	•0	.0	•0	.0	• 2	•0	•0		•0	•0	• 0	•0	• 5	.0	• 0
71-86	•0	.0	•0	.0	•0	•0	•0		•0	•0	•0	•0	•0	•0	.0
87+	•0	.0	•0	•0	•0	•0	0		. • 9	•••	0	•0	•0	•0	• 0
TOT PCT	•0	4.4	• •	•0	•0	•0	5.3		1.4	20.3	5.9	•0	•0	•0	27.8

				•••					JUNE				4954	0008	WEST BD	
PER100:	COVE	4-4L()	1403-1	412				TABLE	18 (CONT)	1			AREA		4N 107	
				pe	T FREC (	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT	1		
				\$								SW				
HGT	1-3	4-10	11-21	27-13	34-47	*8+	PCT		1-3	4-10	11-21	22-33	34-47	46+	PCT	
<b>&lt;1</b>	•0	0	•0	•0	• ^	• 0	0		• ^	?		.5	• 2	•0	7.5	
1-5	2.2	11.9	4.4	• •	.s	•0	16.4		.0	3.4 3.1	4.1 3.6	.0	•0	.0	6.7	
3-4 5-0	•0	10.3	2.2	.0	.0		12.3		•0			.5	.5	:0		
7	.0	:0			.6				ň	٥	.0	.0			.0	
8-9			.0	.0	.0	ز			ő		.0	.0				
10-11	.0			.0	.0		.0			3.6	.0		.c	.0	.0	
12			•0	.6	.0		.0		.0	.0	.0		•0	.0	•0	
13-16	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	•0	
17-19	, ŏ	.ŏ.	•0	.0	.0	•0	.0		•0	.0	.0	.ŏ	•0	.0	•0	
20-22	.0	.0	•0	.0	.0	.0	•0		•0	.0	•0	.0	.0	.0	•0	
23-25	٠.	.0	.0	.0	.6	.0	.0		•0	.0	.0	.0	•0	.0	•0	
26-32	.0	.c	•0	.0	.0	.c	.c		•0	• 0	•0	• 0	•0	•0	•0	
33-40	•0	•0	•0	.0	• 0	•0	.0		•0	•0	•0	•0	•0	•0	•0	
41-48	.0	.0	•0	•0	• ^	• 0	•0		•0	•0	.0	•0	• 0	.0	•0	
49-60	.0	.c	•0	.0	.c	•0	• c		•0	.0	.0	•0	•0	.0	•0	
61-70	•0	.0	•0	.0	• 0	•0	•0		•0	•0	.0	•0	•0	•0	• 0	
71-06	.0	.0	.0	.0	• 0	•0	•0		•0	•0	•0	•0	•0	• 0	•0	
87+	0			.0	•0	•0	0		• 0	6.6	7.8	.0	•0	•0	14.4	
TOT PCT	2.2	22.2	6.6	•0	•0	•0	30.9		•0	0.0	7.0	•0	•0	••		
				w								Na				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48.	PCT		1-9	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	, ç	.0	•0	.0	.0	٠٠	, 6		.3	.0	.0	.0	.0	.0	. 3	
1-2	1.3	4.4	•0	-0	.0	.0	5.6		•0	1.9	2.5	•0	•0	.0	4.4	
3-4	.0	.0	•0	.0	• (*	• C	.0		•0	••	• 0	•0	• ()	.0	•0	
5-5	.0	.0	•0	•0	.c	• C	•0		•0	٠.	•0	•6	•0	•0	•6	
7	٠.	.0	• 0	•0	•0	.0	•0		•0	٠,	•0	•0	•0	.0	•0	
8-9	•0	.c	•0	•0	•0	•0	•0		• 0	•0	•0	٠0	•0	•0	•0	
10-11	•0	•0	•2	•0	•0	•0	•0		• ^	•0	•0	•0	•0	.0	•0	
12	• 0	.0	•0	• ?	• 0	•0	0.		.0	.0	•0	•0	•0	.0	•0	
13-16	.0	•0	.0	•0	.0	٠٥.			• 2	.5	.0	•0	.0	ö	.0	
17-19 20-22	.3	.0	.0	.0	.0	.0	.0		ó	.0	.0	.0	ěŏ	.0	.0	
23-25	.0	.0	•0	.0			.0		ň	ŏ	.ŏ	.0	ŏ	.0	.0	
26-32		.0	•0	.0		::				ě	.5		•0	.0		
33-40	č	.0	ŏ	.0		.0	ě		ň	.0			•0	.0	•0	
418	.0	.0	ŏ		.0	5.	.0		.0	ŏ			•0	.0	.0	
49-00	.5		.0	.0	. 5	.0			•^	.0		•0	. 1	.0	•0	
61-70	. 5	.0	• 0	.0	. ^	.0	.0		.0	.0	.0	•0	.0	.0	.0	
71-86	.0	.0	.0	.0	. 1	.0	.0		.0	.0	.0	•0	•0	.0	.0	
87+	. 3	.0	• 6	.0	.0	٠.	•0		•0	.0		• 0	• 0	.0		
TOT PCT	2.2	4.4	•0	.0	.0	•0	6.6		.3	1.9	2.5	.0	•0	.0	4.7	93.8

	WIND	SPEED	(KTS)	VS SEA	<b>PEIGHT</b>	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	₽CT	707 255
<1	9.5	8.3	.0	.0	.0	•0	17.9	
1-2	4.8	34.5	10.7	.0		.0	50.0	
3-4		19.0	9.5	.0		.0	28.6	
5-6	.0	.0	3.6			•0	3.6	
7	.0	.c	.c	.6		.0	.0	
8-9	·c	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0				.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	. 3	.0	. c	.0	• 9	.0	.0	
17-19	.0	.0	.0	.0	•0	.0	.0	
20-22	.0	• 0	. 3	.0	.0	. 0	.0	
23-25	•0	•0	.0	•0	•0	•0	.0	
26-32	.0	.0	•с	.0	.0	.0	.0	
33-4C	.0	• 0	• C	•0	.0	.0	•0	
41-48	•0	.0	.0	• 0	•0	• • • •	.0	
49-60	.0	٠.	.0	.0	.0	.0	.0	
01-70	.c	.0	.0	.0	• • •	.0	.0	
71-86	•0	.0	.0	.0	•0	• 9	.0	
<b>₹7</b> ◆	• C	.0	.0				.0	
		• •		-			• • •	84
TOE TOT	14.3	61.9	23.4	.0	.0	-0	100.0	

PERIO	D: (3V	ER-ALL	) 194	9-1972					TABLE	19											
					PPRCENT	FRE	QUENCY D	F WA	VE HEIG	SHT (F	r) ys i	MAVE PI	ERIDD	(SECON	05)						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	1-9	10-11	12	13-16	17-19	20-62	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN MGT
<6		33.6	29.1	3.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	102	2
6-7 6-9	•0	:7	3.0	3.7	:7	:0	•0	٥.	.0	 0.	:0	.0	٠.	•0	٥.	:0	.0	:0	.0	11	:
10-11	•0	1.5	.,	Ö		.0		.0	• • •	.0	ò			.0				.0	.0	3	2
12-13	•0	•0	.0	٠.	.0	•0	•0	• ŏ	•0	.0	• 0	•0	.0		.0	.0	.0	:0	:8	0	
>13 INDET	9.0	•0	.7	.0	.7	.0		•0	•0	.3	· n		:0	•0						10	1
TOTAL	17.9	37.3	33.6	9.0	2.2	.0	• 0	.0	• 0	.0	.0	•0	•0	•0	•0	.0	.0	.0	.0	134 100.0	2

TABLE 1

AREA DOOR HEST BORNE!

PROCENT	SA-SHENCY	OF.	STHER	DECHARENES	9 4	W 1 120	DIESCTION

				•	CPCCR		ENGT	IF REATTLE	- Decimation	. 24 MI	HE JIK	EC. ION			
			•	RECIPI	TATIL	N TYPE					STHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	P4IN SHRR	PR7L	FR2G PCPN	SNDW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST HGUR	THDR LTNG	FOG NO PCPN	FOG WD PCPN PAST HR	SMOKE HAZE	SPRAY BLHG GUST BLHG SNO	
N N S E S E S H N N N N N N N N N N N N N N N N N N	.0 .0 .7 ?.6 12.9 9.9 ?0.0	00000000000000000000000000000000000000	.0 .0 .0 .0 3.0 5.6	000000000000000000000000000000000000000	00000000000			0 0 0 0 18.9 18.9 19.5 70.0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 3.0 3.2 6.1 4.2	000000000000000000000000000000000000000	000000000000000000000000000000000000000	.0 .0 1.4 .0 .0 .0	.0	100.0 100.0 91.6 88.9 72.0 60.6 60.0
TOT PCT TOT CPS:	4.2	2.5	.8	.0	.0	.0	•0	7.5	2.9	4.2	.0	.0	. 9	.0	84.0

TABLE 2

#### PERCENT PREQUENCY OF WEATHER OCCURRENCE MY HOUR

			•	RFCIPI	TA', IU	TYPE					NTHER	WEATHER	PHEND	HENA	
Hjur (GH) )	RAJ*	B∆1k Shwr	DR7L	PRZG PCPN	SNC=	STHER FRZN PCPN	-AIL	PCPN AT US TIME	PCPN PAST muja	THER LING	FUG HU PCPN	FLG HD PCPH PAST MR	SHOKE HAZE	SPRAY BLHG DUST BLHG SMOH	ND SIG WEA
00603 06609 12615 18621	5.1 1.4 3.3 7.4	1.7 4.3 1.7 1.9	.0 .0 .0 3.7	.0	.0	.0	.0	6.8 5.7 5.0 13.0	1.7 2.9 3.3 3.7	.0 5.0 14.8	.0	.0	1.7	•0	89.8 91.4 86.7 66.7
TOT PCT TOT CESI	4.1 243	2.5	.4	•0	•0	.0	•0	7.4	2.9	4.5	••	•0	.•	•0	84,4

#### TARLE 3

## PERCENTAGE PREQUENCY OF MINE DIPECTION BY SPEED AND BY HOUR

				FERE	C	. ME E. E		# 4 M		5. 2-1	EE 1-141		,				
+n0 c1*	0-3		Vn Spri 11-21		DTS1 34-47	48+	TCTAL OBS	P¢T FRFQ	4434 0 <b>42</b>	60	03	06	HOUR 09	(GMT) 12	15	18	21
N	•2	.4	•1	•0	•0	•0		.7	4,8	.4	•0	.2	2.3	1.6	•0	.0	•0
ħE	• 4		. • 3			•0		1.1	6.1	1.1	•0	2.1	. 9	. 3	•0	0	2.3
E S E	1.3	10.5	11.0	.1	.c .o	•0		£.7 29.3	7.4 10.0	7.1 30.8	3.1	8.8 33.8	2.8	23.5	4.2	27.2	
3.	1.7	24.0		.5	•0	•0		38.4	9.6	40.4	39.1	35.3		42.1	39.6		
Š×	1.2	A.3		. 3	.0	•0		13.1	1.0	0.5	9.4	12.9	13.8	16.6	6.3		14.4
	.6	1.9	1.1	. 2	•0	•0		3.7	9.3	2.6	.0	3.6	4.2	4.8	14.6		3.2
Nu	. 3	7.6	.7	.0	• 0	• C		2.6	8,3	3.0	6.3	1.7	4.2	3.9	•0		• • •
VAR	• • •	•0	•€	• (	•0	•0		.0	• •	•0	•6	.0	.0	•0	•0	.0	.0
CALM TOT SES	4.4						917	4.4	6.9	5.3	•0	1.7	2.8	2.6	•0		6.1 111
TOT PCT	10.8	531 57.9	27; 29.7	15	•ŏ	٠٠	*1.	100.0	4.7	193	100.0	237	100.0	152	100-0	149	

TAPLE 3A

HND DIR	0-6	#IND 7-16	SPEED 17-27		41+	TOTAL DBS	PCT FREQ	HEAN SPD	00 03	HBUI 06 09	12 12 15	18 21
NE RE SE SW NM VAR CALM TOT 1195	.6 .9 3.8 8.0 10.3 5.5 1.4 1.1 .0 4.4	.1 .2 2.4 18.7 75.3 6.2 1.9 1.4	.0 .1 .5 2.6 2.6 1.5 .3 .2	.0 .0 .0 .2 .0 .1 .0	.00000000000000000000000000000000000000	917	.7 1.1 6.7 27.3 38.4 13.1 3.7 2.0	4.8 6.1 10.0 9.6 8.8 9.3 8.3	.3 1.0 6.7 32.0 40.3 8.6 2.3 4.0 00	.9 .7 6.9 30.4 38.7 13.2 2.5 2.5	1.5 .3 4.4 24.4 41.9 15.9 5.5 3.7 .0 2.4	1.0 7.8 29.4 34.8 13.8 3.4 1.3
TOT FOT	35.9	56.1	7 <u>1</u> 7.7	. 3	.0		100.0	•••				

PERIODS	(PRIMARY)	1906-1972
	INVER-ALL S	1656-1072

TARLE 4

AREA 0008 WEST BORNED .4N 107.4F

CAPELL MAE	FREGLENCY	MIND	2.5.0	OΥ	HOUR	(GTT)

				HIND	SPEED (	KNOTS)			PCT	TOTAL
HJ(IR	CALM	1-3	4-10		22-33		+8+	4677	FREG	าสร
00603	4.7	5.4	60.4	28.2	1.3	-0	.0	8.7	100.0	149
90200	2.0	4.4	57.0	33.4	3.2	. 0	.0		100.0	344
12615	2.4	8.5	55.5	32.9	.6	.0	.5		100.0	164
18651	8.5	8.5	59.2	23.5	. 4	.0	. 0		100.0	260
TOT	40	59	531	272	19	````	Ü	8.7		9,7
PCT	4.4	6.4	57.9	29.7	1.6	•0	.0		100.0	

TARLE 5

TARLE A

P	CT FRE			CLOUD A		(EIGHTHS)		1	PERCEN	TACE F	PERUEN	CY OF	CEILI :	G ME16	I) STH	TANH :	94/A) JN	
MAD DIN	0-2	3-4	5-7	8 & r850p	TTTAL TBS	COVER	000 149	15n 29a	300 499	999 999	1000	2500 3499	3400	5000 0494	6500 79 <b>9</b> 9	6000+	NH 45/8	
× .	.0	•0	.6	.^		4.0	•0	.0	.0	.0	•0	•0	.6	•0				
٧E	.0	.0	.0	•0		•0	•0	• 2	ŏ	.5					•0	•0	•0	
		.0	1.8	.6		6.3		ň	ŏ		.0	• 9		•0	•0	• ?	• 0	
šŧ	5.4	8.0	13.5	3.5		4.4	• 5			1.6	.0	• 6	, . c	• ^	• 6	• 5	1.1	
	6.3	9.3	12.0	11.9							2.7	• 6	1.1	• 2	.3	•0		
Š.	2.4	1.3	5.9	3.7		5.1	•0	• • • •	• ^	4.6	5,3	• 5	2.1	• •	• 3	• 3	27.4	
•						5.3	•0	• ?	• 0	1.6		1.0	1.3	• 6	• 0	• າ	7.1	
	.6	.0	3.2	3.4		6.6	•0	• ^	•0	. 5	1.6	1.5	٠.	• 0	•0	• 2	3.2	
Ne	• ?	•0	1.3	•6		6.6	•0	• ^	.0	• 0	• • •	•0	.6	• 0	.6	. 5	.6	
VAR	. 3	• ?	• 5	•0		•0	•0	. ^	٠.	• ^	•0	•0	.0	• 0	•0	. 0	•0	
CALM	.6	1.3	1.3	•6		4.6	•0	• •	.0	.0	.0	• 0	.0	• 2	• • •		3.8	
TOT CBS	24	31	63	3.6	196	5.1	ō	٠,	Ö	13	iĕ	• • •	•	• • •	• • •		105	156
TOT PCT	15.4	19.9	47.4	24.4	100.0	•	•0	• ¬	• 5	9.3	::.5	4.5	5.3	٠Å	1.9	.0	67.3	100.0

\*\*\*\*

#### CUMULATIVE PCT FREG DE SIMULTANEDUS DECURRENCE UF CEILING MEIGHT (NH >4/8) AND YSSM (NM)

				JSBY (NH	1)			
CEILING	• "R	<ul> <li>OK</li> </ul>	■ DR	■ PR	• DR	- DR	e ΠR	• CR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ PR >6500	1.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9
<ul> <li>na &gt;5000</li> </ul>	1.9	2.5	2.5	2.5	2.5	2.5	2.5	2.5
<ul> <li>□R &gt;3500</li> </ul>	7.6	8.2	9.2	8.2	8.2	8.2	8.2	3.2
■ DR >2000	10.8	12.7	12.7	12.7	12.7	12.7	12.7	12.7
<ul> <li>□R &gt;1000</li> </ul>	20.3	22.6	24.1	24.1	24.1	24.1	24.1	24.1
■ DR >600	24.7	31.0	32.3	32.3	32.3	32.3	32.3	32.3
■ DR >300	24.7	34.0	32.3	32.3	32.3	32.3	32.3	32.3
• DR >150	24.7	31.0	32.3	32.3	32.3	32.3	32.3	32.3
• DR > 0	24.7	31.0	32.3	32.3	32.3	32.3	32.3	32.3
TOTAL	39	49	51	51	51	51	32.3	92.3

TOTAL NUMBER OF OBS: 158

PCT FREQ NH <5/81 67.7

#### TABLE 74

## PERCENTAGE FREE OF LOW CLOUPS (ETOMTHS)

0 1 2 3 4 5 6 7 5 JBSCD 785 7-1 12-2 16-4 16-9 13-1 11-8 6-6 5-5 10-9 -0 183

ULY

:

								JULY						
PERIOD: (PRIMARY) 19 (OVER-ALL) 16	906-1972 155-1972						TAI	16 6				ARE	▲ 000\$	8084E0 107,4E
		*	RCEYT	FREQ PREC	OF WIN	D DIRE ION WI	CTION Y	VING VA	JRRENCI LLUES I	E OR N	ON-OCC	URRENC Y	E OF	
VSBY (NM)		6	NF	ŧ	SF	5	S¥	w	NW	VAR	CALM	PCT	TOTAL	
<1/2	PCP ND PCP TOT %	.00	•0	.0	•0	•0	•0 •0 •0	.0	•0	•0	.0	•0		
1/2<1	PCP NO PCP TGT %	.0	.0	.0	•0	•0	•0	.0	•0	.0	•0	.0		
1<2	PCP NO PCP TOT %	.n .n	.n .c	.0	.0	• 0	•0	.n .8	.0	.0	0.0	1.7 2.1		
2<5	PCP ND PCP TOT %	.0	.0	.0	•1 •0	.3	•0	.0	•0	.0	•0	.6 .4 1.3		
5<10	PCP NO PCP TOT %	.0	.c .o	.0	.4 3.4 3.9	3.8 3.8	1.4 .5 1.9	.3 1.6 1.9	.0 .4 .4	•0	.0	2.1 10.0 12.1		
10+	PCP NO PCP TOT %	.0 .4	.0	3.1 3.1	.7 25.7 26.5	1.4 33.4 34.8	10.5 10.5 11.8	3:0	.4 .8 1.3	•0	.0 2.5 2.5	4.2 80.4 84.6		
	TOT 085			• •	10.4	20.4	12.4		9.1		• •	100.0	240	

----

			•				NO DIRI				Εŋ		
VSBY (NH)	SPD KTS	N	NE	E	SE	s	SW	*	NW	VAR	CALM	PCT	TOTAL DAS
	0-3	.0	٠٥.	.0	.0	.0	.0	•0	.0	.0	.0	.0	
<1/2	4-10	•0	.0	•0	. 2	.0	.0	•0	.0	.0		.2	
	11-21	.0	.0	•0	.0	• •	.2	•0	.0	.0		.6	
	22* TUT \$	.0	٠.	•0	•0	••	٠.	•0	.0	٥.		.0	
	101 \$	.0	.0	•0	.2	• •	•4	• 0	.0	.0	.0	. •	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	<b>4-10</b>	.0	.0	• 0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	•0	•0	•0	.ŭ	•0	.0	٠.		٠.	
	22+	٠٥	.0	• 0	•0	• 0	.0	•0	.0	•0		.0	
	TOT &	•0	.0	•0	.0	.0	.0	•0	.0	•0	•0	.0	
	0-3	٠.	.0	.0	.0	.0	.0	. 2	.0	٠.	.0	.2	
1<2	4-10	.0	.0	•0	. 2	.3	.3	.0	. 2	.0		1.0	
	11-21	٠.	.0	• 0	•0	.0	•0	·ż	• 2	.0		.2	
	22*	•0	٠.	• 9	•0	.0	.0	• 0	.0	.0		0	
	101 \$	.0	.0	.0	• 2	.3	.3	.4	. 5	•0	•0	1.4	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	•0	.0	.0	.4	. 4	.1	. 0	. 2	.0		1.0	
	11-21	.0	٠.٥	•0	-1	. 2	.0	•2	.2	.0		.6	
	22+	•0	.0	•0	•0	.0	• 0	•0	.0	•0		.0	
	TOT \$	•0	.0	•0	.5	. 5	-1	.2	• •	.0	.0	1.5	
	0-3	.0	.0	•0	.0	.0	.4	.7	.0	.0	.2	. 8	
5<1c	4-10	.0	.0	. 2	1.2	1.4	.5	.4	.2	.0		3.9	
	11-21	•0	-1	•1	1.2	1.3	.7	.5	-1	.0		4.1	
	22+	•0	.0	•0	. 2	.0	.0	.0	.0	.0		2	
	TOT \$	.0	.1	.3	2.6	2.7	1.6	1.1	. 3	.0	.2	8,9	
	0-3	.2	. 2	.3	.6	1.7	1.0	.7	.4	.0	3.4	8.3	
10+	4-10	. 5	. 4	4.7	15.0	22.1	7.2	1.9	. 8	.0		52.5	
	11-21	.0	.0	• 1	10.9	16.5	3.1		.0	.0		25.4	
	22+	•0	.0	.0	1	5	2	0	.0	.0	_		
	TOT \$	.7	.6	5.1	24.6	34.8	11.5	3.3	1.2	۰,	3.4	87,2	
	INT DAS	.7	.7	5.3	30.0	30.7	13.7	5.0	2 - 1	.0	3.7	100.0	493

PEPIOD:	(PRIMARY)	1904-1972
	COVER-ALL S	182501972

TABLE 10

APEA 0008 WEST BORNED .4N 107.4E

PERCENT	FREQUENCY OF	CFILING	HEIGHTS	(FEET,NH	14/61	AND
	DECURRE	ICE OF N	4 <3/5 by	40UA		

HTUR EGMT1	0nu 149	140	300 500	600	1000	2000 3449	1510 4994	5000 6-99	6500 7999	6000+	TOTAL	NH <5/8 ANV HGT	TOTAL
20503	.c	.c	.0	5.1	12.6	2.6	7.7	.0	5.1	•0	33.3	66.7	39
90380	.0	.,	•0	5.9	7.8	2.0	5.4	2.0	.0	•0	23.5	76.5	51
12+15	.c	.0	•0	11.6	7.0	9.3	2.3	.0	.0	•0	30.2	69.8	43
18621	.0	.0	.0	7,9	15.8	2.6	5.3	•0	2.6	•0	34.2	65.8	38
TOT PCT	υ • 0	.0	0	13 7.6	18	7	9 5.3	1	3 1.8	3	51 29.8	120	171

TABLE 11

TABLE 12

		PERCENT	FREQUE	C4 V\$8	4 (MM)	EY HOUR		CHYYLAT					VSRY (NA)	
HOUR (SYT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TCTAL DB\$	HOUR {FMT}	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TUTAL DBS
<b>E03</b> 00	1.1	.5	2.2	1.1	4.4	91.2	91	50803	•0	•0	5.4	29.7	64.9	37
06609	1.4	.0	1.4	.7	9.4	87.1	139	90300	•0	•0	0.4	19.1	74.5	47
12615	٠,	.0	.0	1.6	10.4	86.4	110	12615	.0	•0	15.0	20.5	66.7	39
18821	•9	.0	1.9	2.6	9.6	85.9	156	18221	•0	•0	14.3	22.9	62.9	35
727	4	0	7	, •	44	433	496	101	0	0	15	36	107	158

TARLE 13

TABLE 14

									17022 44											
	PERC	ENT FR	ESUENC	Y OF R	ELATIV	E HUMII	DITY B	Y TEMP	TOTAL	PET		PERC	ENT FR	EOUENC	Y DF Y	IND DI	RECTIO	N BY T	EMP	
TEMP F	0-29	30-39	43-45	50-59	40-04	70-79	60-69	90-100		FRES	N	٧Ē	£	Sé	\$	k 2	W	44	VAR	CALM
95/99	• 0	.0	•c	•0		• 0	•0	•0	1	.6	.0	.c	.0	٠.	. 6	.0	.0	.0	•0	.0
90/94		.0	.0	• 0		.0	.0	.0	1	.6	•0	.0	.0	.6	.0	.0	.0	.0	•0	.0
85/89	.0	• 2	. "	• 0	3.4	4.6	3.4	• 0	50	11.5	•0	.0	.5	4.5	3.4	2.3	1.1	.0	.0	.0
80/84	. 5	. 0	.0	•0	4.0	35.1	39.1	3.4	142	A1.6	.6	.0	2.2	24.0	35.4	11.2	3.9	.6	•0	2.9
75/79	.0	. 0	.0	•0		1.1	2.9	1.1	9	5.2	.0	.0	.0	.6	. 4	2.2	1.4	.6	.0	.0
70/74	• ?		.0				.0		ì	.6	.0	.0	.ŏ	•0	.0		. 6	.0	•0	.0
TOTAL	0	^	Ċ			71	79		174	100.0		• •	• •			• •				
PET			.0	• 0	8.4	40.9	45.4	5.2	•	,	.6	.0	2.2	30.3	40.2	15.7	7.0	1.1	.0	2.9

TARLE 15

	"EANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOU									HOUR PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR								
HOUR (GMT)	MAX	99%	952	50\$	54	14	414	MEAN	TOTAL OBS	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
\$0300 \$0360	8# 97	87	86	83 83	7 <b>6</b> 76	76 76	76 74	82.4 83.3	149 340	00603	•0	•0	22.4	38.6	52.3 38.0	4.5	8¢ 77	44
12615	86 86	85 85	85 84	82 82	79 79	76 77	75 72	12.1	161 259	12615	•0	•0	4.9	46.3	43.9	4.9	79	41
18521	97	89	86	82	79	76	72	81.7 82.5	909	TOT	•0	•0	•0 15	71	48.8	9.8	79	41 175

JULY

PEHIJD: (PRIMARY) 1906-1972 (DVEP-ALL) 1855-1972

TABLE 17

AREA 0008 WEST BORNED .4N 107.4F

PCT FRFQ OR AIR TEMPERATURE (DEG F) AND THE OCCUPHENCE OF FUG (WITHOUT PRECIPITATION) VS AIR-SEA IPHPEPATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73 76	77 80	81 84	85	89 92	>92	<b>707</b>	FÚG	HD FDG
9/10	.0	.0	٠.	.0	.0	.4	1	.0	.4
6	.0	• 0	. 4	. 4	. 9	.0	4	.0	1.7
5	.0	.0	. 9	.0	.0	.0	2	.0	. 9
ě	.0	.0	.0	2.6	. 4	.0	2 7		3.0
3	.0	•0	. 0	•	. 4	•c	3	•0	1.3
2	.0	. 4	3.0	2.2	٠.	.0	13	.0	5.7
1	.0	.0	6.1	1.7	.0	• 0	19	.0	7.8
ō	.0	.0	20.0	1.7	٠.	.0	50	۰۵	21.7
-1	.0	1.3	13.0	1.3	.0	•0	36	.0	15.7
-2	.0	1.7	20.4		.0	•0	52		22.0
-3	.0	1.3	7.4	. 4	. 0	.0	21	• 0	9.1
-4	. 4	1.3	3.0	. 0	. 0	.0	I i	.5	4.6
-5	.0	1.3	.4	.0	•0	.0	•	• 6	1.7
-6		1.7	. 4	· c		· c			2.6
-7/-8	.0	. 4	.0	.0	.0	.0	i		.4
-11/-13				Š	.5	.5	i	.5	. 4
TOTAL	• • •	•	173	• 5		• •	•	.,	230
	•	22	• , •	27	•	1	230	U	230
PCT	1.3	9.6	75.2	11.7	1.7		100.0		100.0

PERISO: (SVER-ALL) 1963-1972

となってはないないないのはないとなるないは、まないのであるから、人気だちに

TABLE 18

BET FREG OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

N 22-33 HGT
<1
1-2
3-4
-5-5
7
8-9
10-11
12
13-16
17-19
223-25
26-32
23-25
26-37
71-86
49-60
87-7
71-86 11-21 HGT <1 1=2 3=6 5=6 7 8=9 10=11 12 13=16 17=19 17=19 20=22 23=25 26=32 33=40 61=48 49=60 61=70 71=86 87+ 

PERIODI									JUL	٧				4464	0000	WEST BD	NEC
AEKIDDI	1016	K-WFC !	1403-1	<b>4</b> 12				TABLE	18 (0	1TPL				****		.4H 107	
				PC	T FREG	OF WIND	SPEED	(KfS)	AND D	IRECT	אכנ'	VERSUS S	EA HEIG	HTS (FT)	1		
HGT	1-3	4-10	11-21	27-33	14047	48+	PCT			-3	4-10	11-21	\$₩ 22 <b>-</b> 33	34-47	48+	PCT	
<1·		7.6	1.2	.0	0.0	•0	5.6			'n	1.1		.0	+0	.0		
1-2	.0	7.3	4.9	.0	•0	.0	13.2			0	4.6	,5		.ŏ	.0		
3-4	iŏ	5.1	9.1		ີ່ວ	.0	15.1			Š	1.1	2.4					
5-6	.0	3.0	2.7	• 0		.0	3.6			.0	.0	.0	•0	•0	.0		
7	.0	.0	. 6			• 0	1.6			٠,	• 9		.0	•0	.0	.0	
8-4	•0	.0	2.7	-0	.0	•0	2.7			•^	٠,٥		•0	•0	.0	.3	
10-11	•0	.0	.0	.0	• 0	.0	.0			•0	•0		•0	•0	.0		
`12	• 0	.0	.0	•0	.0	. 3	.0			• ^	• • •		• 3	•0	.0		
13-16	•0	•0	•0	•0	• 0	•0	•0			•0	• 0		• 0	•0	.0		
17-19	•0	.0	•0	•0	.0	•0	•0			•0	•0		•0	•0	.0		
50-55	٠,٥	.0	•0	•0	.5	٠.	• 6			• 0	.0		.0	•0	.0		
23-25	.0	•0	•0	.0	.0	• 0	.0			•0	٠٠		.0	•0	.0		
26-32 33-40	.0	.0	•0	.0	2.	•0	•0			.0	.0		• 0	•0	.0		
41-41	.0	.;;	•0	•0	.0	•0	.0			.0	.0		•0	•0	.0		
49-60	ö		•0	.0	.0	.0	.0			.0	ŏ		.0	•ŏ			
41-70	ŏ	.0	.0	.0			.0			ň	ŏ		.0	.0	:ŏ		
71-06	.0		.0	.0	ò		.0			.0	.0		.0	.0			
874	.0		.0	.0	.0	.0	Ö			. 0	.0		.0	•0			
TOT PCT	.0	19.9	22.3	1.6	.0	•0	43.8			.0	7.0		•0	•0	.0		
				w									*.16				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48.	PCT		1.	-3	4-10	11-21	22.33	34-47	48+	PCT	PCT
<1	1.1	.0	•0	.0	.0	.0	1.1		-	•0	.0	.0	• 0	.0	.0		-
1-2	1.1	1.1	. 8	•0	ō.	•0	3.0			.0	1.1	.0	•0	.0	.0		
3-4	.0	.0	1.1	.0	٥.	.0	1.1			. 1	.0	.0	-0	•0	.0		
5-6	.0	.0	.0	٠.	.0	•0	•0			•0	• 0		•0	•0	. 0		
.7_	. 5	.0	•0	• 0	.0	• 0	•0			• 0	.0		•0	•0	.0		
8-9	.0	.0	• 0	•0	• 0	•0	•0			•0	•0		•0	•0	• 2		
10-11	.0	.0	•0	•0	.0	•0	•0			•0	•0	• • •	•0	•0	.0		
12 13-16	•3	.0	•0	•0	.0	• 5	•0			•?	.0		•0	• 0	.0		
17-19	•0	.0	•0	•0	•0	•0	•0			.0 .3	.0		•0	•0	.0		
20-22	.5	.0	.0 0.	•0	.0	.0	.0			•0	.0		•0	.0	.0		
23-25	.0	.0	•0	•0	.5	.0	.0			.0	.,		•0	•0	:0		
26-32		.ŏ	.0	•0	.0	ò					ó		•0	ŏ	.0		
33-40	.0	.,	•0	• • • •	.0	• • • •				ó	ŏ		•0	•0			
41-44	.0	.0	•0	.ŏ	.5		.0			ŏ	.0			.ñ			
49-60	.0	.0	.0	.5	, č	.5	.0			.5	Š		• • • •		.0		
61-70	.0	.0	.0	.5	.0	•0	.0			.0	. 5				.0		
71-86	.0	.0	•0	•0	.0	•0	•0			•0	.0		•0	•0	.0		
87+	• 0	•0	•0	•0	.0	•0	•0			•0	•0	.0	•0	•0	.0		
TOT PCT	2.2	1.1	1.9	•0	• ?	•0	5.1		1	. 1	1.1	•0	•0	• (1	.0	2.2	94.6

	MIND	>>EED	(KTS)	A2 387	MEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<b>&lt;</b> 1	6.5	7.5	2.2	.0	.0	.0	16.1	UBS
1-2	1-1	21.5	11.6	.0	.0	۰.	34.4	
3-4	1.1	8.6	24.7	1.1	.0	٠,	35.5	
5-6	.0	3.2	4.3	1.1	.0	.0	8.0	
7	.0	.0	1.1	1.1	.0	.0	2.2	
8-9		.c	3.2	ō	.c	.0	3.2	
10-11	.ŏ	ŏ		ō	.0		.0	
12	.0	.0	.0	.0	.0		·ó	
13-16				.0	.0		.0	
17-19	.0	.0	.0	.0	.0		.0	
20-22		, č	•0	.0	.0	.0	Š	
23-25		.0	.0	ŏ	.0	.0	ŏ	
26-32	.0	•0	.0	.0		.0	.0	
33-40	.0	.0	.0	.0	.0		.0	
41-40	•0	.0	.0	. 6	.0	.0	ō	
49-60	.0	.0	.0		.0	.0	.0	
e1-70	.0	.0	.0	, 0	. 6	.0	Ö	
71-86	.0	.0	.c	.0			ĬĞ	
87+	.0	.5	, č			.0	.0	
				-			•••	93
TET PCT	8.6	40.9	47.3	1.7	•0	.0	100.0	

PERCENT PREQUENCY OF WAVE RESERVE (FT) YS WAVE PERSON (SECTIONS) 3-4 23.9 5.8 2.2 .0 .0 .0 3.6 49 87+ TOTAL
.0 96
.0 15
.0 3
.0 0
.0 0
.0 0
.0 138
.0 100.0 <1 •.5 •.0 •.0 •.0 •.0 •.0 20 14.5 23.9 2.2 .0 .0 .0 .0 5.1 43 31.2 10.1 2.2 .0 .0 .0 .0 .0 .17 12.3 .0 .7 .0 .0 .0 .0 .0 .0 .0 .7 .7 2.9 000000000 000000000 000000000 ........ ........ ....... 2.2 000000000 0000000000 0000000000 000000000 0000000000

PER 1 301	(PRIPARY)	1904-1972
	INVER-ALL 1	1844-1972

TABLE 1

AREA 0008 WEST SURNED .4N 107.4E

PERCENT	FREQUENCY	OF	WFATHER	DCCURRENCE	BY	WIND	DIRECTION
---------	-----------	----	---------	------------	----	------	-----------

			,	RECIPI	TATIO	Y TYPE	i .					OTHER WEATHER PHENOMENA			
HNO CIR	PAIN	RAIN SHER	CRTL	FRZG PCPN	SNO.	OTHER FRZN FCPN	HĀĪL	PCPN AT OB TIME	PCPN PAST MOUR	THOK LTYG	FOG HD PCP4	POD WO PCPN PAST HR	SMOKE	SPRAY BLWG QUST BLWG SNOW	
N NE E S E S S 's	26.7 25.0 .0 1.2 1.2	.0	.0	.0	• • • • • • • • • • • • • • • • • • • •	.0		26.7 25.0 .0 1.8 3.9	20.0 .0 .0 .0 2.7	25.0 .0 2.4 2.4 2.6	.00000	.0	.0 .0 1.2		53.3 50.0 100.0 94.1 90.0 86.5
h Na VAR Calm	32.3	25.0	.000	.0000	.0	.0	.0000	92.3 44.4 .0 23.0	11.1	0000	• • • • •	.00	•0	.0	67.7 44.4 .0 75.0
TOT PCT TOT CBS:	4.3 233	1.7	.4	.0	•0	.0	.c	6.4	1.7	2.6	•0	•0	. 9	•0	88.4

TARLE 2

#### PERCENT PREQUENCY OF WEATHER OCCUPRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HQUP (G <sup>o</sup> T)	RAIN	RAIN SHWR	PRZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FDG WD PCPN	PUG MG PCH! PAST MR	SYOKE	SPRAY RENG DUST BENG SNOW	NO SIG HEA
00603 00609 12615 18881	3.3 5.0 1.6 6.8	3.3 .0 .0	1.7 .0 .0	.0	.0	.0	.c .c .c	6.3 5.0 1.6 10-2	5.0 .0 .0	3.3 .0 3.2 3.4	.0 .0 .0	.0	.0 1.7 1.6 1.7		63.3 93.3 93.5 63.1
TOT PCT TOT CBS:	4.1 241	1.7	.•	•0	٥٠	.0	•0	6.2	1.7	2.5	•0	•0	1.2	•0	88.4

TAPLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND FIR	0-3			22-33 ED (KN)		48+	TOTAL SBC	PPT FREQ	MEAN SPD	00	03	06	HDUR 09	(GMT) 12	15	18	21
NE E S S S N VAR CALM TOT PCT	.3 2.3 2.4 .9 .3 .0 3.4 106	3.3 19.4 27.7 9.2 1.2 .7	252 29.7	٠.	•0	00.000000000000000000000000000000000000	902	.9 4.2 33.8 41.4 12.5 1.9 1.1 .0 3.4	4.0 4.3 7.7 9.7 9.1 8.5 #1.6 5.9	1.6 .7 2.8 38.8 36.0 12.4 7.4 1.2 .0 4.1 149	5.3 .0 8.3 41.7 ?5.0 12.5 4.2 .0 .0	.8 1.8 4.3 39.3 40.7 8.0 1.8 .2 .0 3.1 254	14.2 .5 1.0 .0 2.0 102	1.8 .3 .0 155	33.3 30.0 10.0 6.7 .0	28.3 41.0 16.9 1.7 2.4 3.6 100.0	1.1 .0 3.8 29.1 43.0 10.2 3.0 1.5 .0 8.3 133

TAPLE 34

						F- 3-						
HND DIR	2-6	#140 7-16	SPEED 17-27	(KNPTS) 28-40	41+	TOTAL DBS	PCT FREQ	HEAN SPD	00 03	HBUR 06 09	(SMT) 12 15	16 21
HE 96 5	.7 .7 1.3 7.8 11.3 4.6	.2 2.9 23.0 27.9 7.2 .8	.0 .0 3.0 2.1 .7	.0	0000000000		.9 4.2 33.8 41.4 12.5 1.9	4.6 4.3 7.7 9.7 9.1 8.5 8.0	2.1 .6 3.2 39.0 35.2 12.4 2.5 1.1	37.7 41.7 9.8	1.2 4.3 29.7 45.7 10.0	.8 .3 4.4 28.7 41.9 13.9 2.3 2.0
CALM TOT DAS TOT PCT	3,4 308 31.4	614	58 5.9	2 .2	.0	982	3.4 100.0	8.7	3.8 157 100.0	2.8 356	170	5.7 299

AUGUST

PERIOD: (PRIMARY) 1908-1972 (GVER-ALL) 1855-1972

TARLE 4

AREA 0008 WEST BORNED .4N 107.4E

BERCENTAGE	FREQUENCY	OF	WIND	SPEED	87	HOUR	(GMT

HUUR	CALH	1-3	4-10		SPEED (		48+	PEAN	PCT PRFQ	TOTAL DBS
00603	3.8	10.8	57.3	26.8	1.3	.0	•0		100.0	157
06609	2.4	5.3	56.5	33.7	1.7	.0	•0	9.8	100.0	356
12615	•0	8.2	68.2	23.5	.0	.0	.0	6.5	100.0	170
18621	5.7	7.7	69.6	16.7	. 3	.0	• 0.	7.7	100.0	299
TUT	13	73	615	252	9	Ü	O	5.7	•	982
DCT	3.4	7.4	69.6	25.7	.9	.0	•0		100.0	

TARLE 5

TABLE 6

•	CT FRE			LOUD A		(EIGHTHS)		•					CEILIN NH <5/					
WND DIR	6-2	3+4	5-7	8 & nBSCD	TETAL CBS	COVER	000 149	150 294	300 599	600 999	1000	2000 3499	3500 4399	5000 6499	6500 79 <b>99</b>	<b>8000</b> +	NH <5/8 ANY HGT	
N	٠.	.0	1.3	•0		6.0	•0	••	.0	•0	.0	•0	۰.0	•0	•0	.0	1.3	
NE	. 3	. 7	.7	• 7		6.0	•0	.0	.0	.0	.7	• 0	.0	•0	•0	.0	1.3	
E		.0	. 7	. 5		4,4	.0	. 0	.0	.0	, n	.0	.0	.0	.0	.0	1.7	
ŠE	6.5	7.3	13.4	6.6		5.0	• 0	. n	. 3	1.0	4.3	1.2	.0	• 0	• 0	. 2	26.8	
Š	5.5	8.4	20+2	5.6		5.2	•0	• 0		3.3	4.3	. 6	.7	• 0	• 0		29.3	
Š.	. 2	4.1	6.3	5.8		5.2	•0	•0	. 2	1.0	4.0	• 0	.0	1.3	.0	.0	9.3	
,		.0	1.2	1.3		7.5	• 0	.0	.0	.0	.0	.0	.0	.7	•0	. 7	1.2	
Ne	.5	ŏ	.0	.0		.0	.0	. 0	, c	.0	.0	•0	.0	.0	.0		•0	
VAR			.0	.0		. 5	• 6	.0	.0	•0	.0	.0	.0	•0	• 0	. 6	.0	
CALH	.0	1.3	•0	1.3		6.0	•0	.0	.0	•0	.7	•0		.7	•0	• 5	1.3	
TOT DES	15	33	66	133	151	5	ň	ě	ž	Ť	22	• • •	• • •	**	ŏ	•;	109	151
TOT PCT	12.6	21.9	43.7	21.9	100.0		•ŏ	•0	1.3	5.3	14.6	2.0	•	2.6	•3	1.3	72.2	100.0

TARLE 7

AILMIN ATTUC	DOT EBER	OF SIMULTANEOUS	DECHBRENCE
COURTSIILE	-C. LEG	OL 21-OCI-HEROS	OF COMME P.
OF CE1: 11	AC WESCHT	THE NATION AND W	COM ALIMA

				VSBY (NY	13			
CEILI	VG - OR	- DR	= DR	= fir	• DR	■ 「R	# OR	• DA
(FEET	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
PR >650	1.3	1.3	1.3	1.3	1.5	1.3	1.3	1.3
■ PR >500	3.8	3.8	3.5	3.8	3.8	3.8	3.8	3.8
PR >350		4.5	4.5	4.5	4.5	4.3	4.5	4.5
■ PR >200		6.4	6.4	6.4	6.4	6.4	6.4	6.4
- RK >100		20.5	20.5	20.5	20.5	20.5	26.5	20.5
# PR >600		25.6	25.6	23.6	25.6	25.6	25.6	25.6
nR >300		26.9	26.9	26.9	26.9	26.9	26.9	26.9
CR >15		26.9	26.9	26.9	26.9	26.9	20.9	26.9
0R > 0		26.5	26.9	26.9	26.9	26.9	26.9	26.9
TOT		42	42	4.2	42	A2	49	42

PCT FREQ NH <5/8:

'ABCE 74

PERCENTAGE FREQ OF EOM CLOUDS (EIGHTHS)

5 6 4.1 15.7 27.2 21.1 13.5 7.0 5.3 4.1 11.1

							AUG	UST						
PERIOD: (PRIMARY)   (OVER-ALL)							TAR	LF 4				4R¢	4 0008	BORNED 107.46
		PE	RCENT				CTICN V Th Vary						E OF	
V58Y		N.	NF	Ε	SE	s	S.	`*	14.0	YAR	CTFn	PET	TOTAL	
¢1/7	PCP NO PCP TOT \$		•0	•0	.0 .0	•0	•0	.0	.0	.0	000	:0		
1/24	PCP L NO PCP TOT %		.0 .0	•0	•0	•0	• 0	000	.0	•0	0.0			
1<2	PCP NO PCP TOT %	:4	.5	.0 .0	.0	•0	•0	0.0	.6	.0	•0	.9		
2<5	PCP NO PCP TOT %	.000	.0	•0	.4	•0	•0	.0	.0	.0	•0			
5<17	PCP NO PCP TOT \$	.0	.0	.0	3.6 3.5	.4 4.6 5.0	1.7 1.0	.2	• ¢ • 0 • C	.0	.4 .0 .4			
19+	PEP NO PEP TOT \$	.¢ 1.2 1.2	., 1.3 1.3	1.7 1.7	30.7 30.9	1.0 29.5 30.5	1.5 14.2 15.4	2.0 2.7	.5 .5	•0	1.3 1.3			
	TOT PAS	1.0	1.7	2 • 1	35.3	35.5	16+7	3,3	1.0	•0	1•7	100.0	233	

TARLE 9

/58Y	SPD		ΝE	E	SE	S	< H	#	NW	VAR	CALM	PCT	TOTAL
(44)	KTS	N		-	35	•	""	-		***	CALM	-61	085
	J-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
(1/2	4-10	•0	.0	•0	.0	.0	•0	.0	.0	.0		.0	
	11-21	.0	• 0	٠0	• 0	•0	٠٥	.0	• ;	٠.		• 0	
	25+	•0	•0	.0	•0	•0	•0	.0	.0	.0	_	, c	
	TOT X	•0	•0	•0	•0	•0	.0	.0	.0	.0	.0	•0	
	g-3	.0	.0	.0	.0	.0	•0	.0	.0	.0	٠.	.0	
1/2<1	4-10	.0	•0	• 0	• 0	.0	•0	•0	• 0	.0		.0	
	11-21	. û	.5	.0	.0	•0	•0	•0	• ?	.0		٠.	
	22+	٠,0	٠٥.	•0	.0	• 0	٠,٥	•0	• 2	٠,٥		٠,	
	TOT \$	.0	•0	.0	•0	•0	.0	.0	•0	٠٥.	•0	.0	
	0-3	-0	.0	.0	.0	.0	.0	.0	.0	.0	٥.	.0	
1<2	4-10	• 2	• 0	.0	• 2	•0	•0	.0	٠z	.0		.6	
	11-21	.0	• 0	• 0	• 2	- 0	• • •	•0	•0	•0		٠,٢	
	22+	•0	•0	• 5	•0	.0	•0	.0	- 5	.0	_	.0	
	TOT \$	. 2	.0	.0	.4	•0	•0	.0	• 2	•0	•0	.7	
	0-3	.0	.0	.0	• 0	• 2	•0	.0	•0	.0	•0	.2	
2<5	4-10	•0	•0	•0	•7	• 2	٠2	•0	• 0	•0		1.1	
	11-21	.0	.0	•0	.0	.2	.0	٠,٥	.0	.0		, 2	
	55+	•0	•0	٠,	• 0	٠ç	• 6	• 0	• 0	.0		.0	
	TCT \$	•0	•0	.0	• 7	.6	• 3	.0	.0	.0	•0	1.5	
	0-3	•0	.0	.0	•2	• 0	.0	.0	• 0	.0	. 2	.4	
5<10	4-10	•0	.2	. 6	1.6	1.5	1.2	• •	• 6	.0		5.7	
	11-21	.0	.0	.0	1.0	1.4	.0	.2	.0	•0		2.6	
	22+	٠.	.0	.0	.0	. 2	0		.0	•0		2	
	TOT %	•0	•2	.6	2.8	3.4	1.2	. 0	.5	٠.	-2	8,9	
	0-3	. 5	. 3	. 3	2.3	2.2	.9	. 6	.6	.0	3.1	16.7	
10+	4-10	٠6	•4	3,4	20.5	23.0	9.3	. 0	. 6	٠ŏ		58.6	
	11~21	•0	.0	.1	9.1	6.1	1.6	.3	.0	.0		19.2	
	70T %	1.1	.0 ••	3.4	32.0	33.5	11.9	1.6	1.2	:0	3.1	88.9	
	TOT DPS	1.2	. 8	4.4	35.9	37.5	13.2	2.2	1.4	.0		100.0	94

AUGUST

PERIOD: (PRIMARY) 1908-1972 (OVER-ALL) 1855-1972

da erikkingan kangkan kangkan an albahan menangkan kangkan kangkan kangkan kangkan dan kangkan dan kangkan dan

TABLE 10

AREA 0008 WEST BURNED .4N 107.4E

## PERCENT FREQUENCY OF CEILING HEIGHTS (FEET-NH >4/8) AND OCCUPPENCE OF NH <5/8 MY HOUR

⊢BUR (GMT)	000 149	150 299	300 599	600 949	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL
E030C	.0	.0	•0	11.1	11.1	2.2	.0	4.4	.0	•0	28.9	71 - 1	45
90360	.0	•0	.0	2.3	<b>*.</b> 1	4.5	2.3	٥.	•0	•0	18.2	81.5	44
12615	.0	.0	5.1	•0	15.4	.0	•0	7.6	•0	•0	23.1	76	39
18621	.0	•0	•0	5.3	18.4	•0	.0	2.6	•0	5,3	31.6	68.4	38

0 2 8 22 3 1 4 0 2 42 .0 1.2 4.8 13.3 1.8 .0 2.4 .0 1.2 25.3

TABLE 12 TABLE 11 CUMULATIVE PCT FREQ OF RANGES OF VSBY (MM) CEILING HGT (FEET,NH >4/8),RY HOUP PERCENT PREDIENCY VSBY ("H) BY HOUR #88P <150 (G4T) <50YD HOUR (GHT) 2<5 5<10 104 00603 .0 11.9 19.0 42 £0300 .0 90360 .¢ .7 1.5 136 90360 43 8.7 115 17615 5.5 5.6 2.6 12615 .0 1.7 18621 35 194 .0 65.7 18:21 .0 1.5 10.3 488 549 88.9 100.0 TOT PCT

AUGUST

PERIOD: (PRIMARY) 1908-1972 (OVER-ALL) 1855-1972

TABLE 17

AREA 0008 WEST BURNED .4N 107.4F

PCT FRFO OF AIR TEMPERATURE (DEG F) AND THE DCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	85	89	Int	W	wJ
THP DIF	75	80	84	85	92	****	FÖG	FÖG
9/10	.0	•0	.5	.0	.0	1	.0	.5
7/8	.0	•0	.0	.0	. 5	À	. 6	د.
6	.0	•0	.0	.0	. 5	1	.0	.5
5	.0		.0	.0	• 5	1	.0	.5
4	.0	.0	. 5	, 9	. 5	4	.0	1.8
4	.0	•0	. 5		• 0	2	. ?	. 9
ž	.0	•0	4.6	1.4	. 6	13	.0	6.0
ĭ	.0	•0	6.0	1.4	.5	16	. 3	7.4
ō	.5	. 5	21.7		.0	40	. 0	23.0
-i		. 5	16.1		• 0	37	.0	17.1
-3		3.2	14.3	.0	.0	39	.0	18.0
-1	.0	.5	6.0	.0	•0	14	• 0	6.5
-3 -4		4.6	5.1	ō	•0	21	.0	9.7
-5	1.4	1.8	.5	. 0	• 0	Ť	.0	3.7
-6	·.	.5	. 0	ŏ	.0	i		.5
-7/-8	ij	2.3	.5	.0		ě	. 5	3.7
TOTAL	٠,		165	•	3	•	, i	217
	٠	31	.03		•	217	•	
PCT	2.8		76.0	12	1.4	100.0		100.0

PERIUD: (DVER-ALL) 1963-1972

				PC	T F4E3 0	GPIN 4	SPEED (K	75) AND	DIREC	ע מכנד:	ERSUS S	EA HEIG	HTS (FT)		
				N								NE			
HGT	1-3	4-10	11-21	<sup>7</sup> 22-93	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	484	PCT
<1	• 2	-0	•0	•0	•0	•0	•0		• 7	• 0	.0	.0	•0	.0	•0
1-2	.0	1.3	•0	.0	•0	.0	1.3		• 2	•0	•0	.0	•0	•0	•0
3-4	. 0	.0	•0	.0	.0	• 0	• 0		• 0	1.3	.0	.0	•0	•0	1.2
5-6	•0	•0	•0	.0	•0	•0	•0		•0	•0	•0	.0	•0	.0	• 0
7	•0	.0	•0	.0	•0	•0	•0		• 0	•0	•0	•0	•0	•0	•0
8-9	•0	• ¢	•0	.0	•0	•0	•0		•0	•0	•0	•0	•0	• 0	•0
10-11	• 5	•0	•0	•0	•0	٠0	•0		•0	•0	•0	•0	•0	•0	•0
12	• 0	.0	•0	•0	•0	•0	•0		• 0	•0	.0	•0	•0	•0	•0
13-16	•0	.0	•0	.0	•0	•0	•0		• 0	•0	•0	•0	•0	•0	•0
17-19	•0	•0	•0	.0	•0	•0	•0		• 0	.0	.0	.0	•3	.0	•0
20-22 23-25	.0	•0	•0	.0	•0	•0	•0		•0		•0	•0	•0	•0	•0
26-32	٠.	•0	•0	.0	•0	•0	•0			•0	•0	•0	• 5	.0	
33-40	• 0	•0	•6	.0	•0	•0	•0		•0	• U	•0	•0	•0	•0	•0
41-48	.0	.0	•0	.0	•0	•0	•0		.0	•0	•0	.0	•0	.0	•0
49-60		.0	40		• 7	3.	.c		.0	•0	•0	.0	•0	.0	•0
61-70		.0	.0	.0	•0	.0	•0		.0	•0	.0	.0	.0	:0	.0
71-86	.0	.0	•0	.0	.0	.0	•0		.0	.0	.0	.0	•0	:8	
87+	č	.0	•0	.0	•0	.0	•0		.0	.0	.0	.0	.0	:0	
TOT PCT	.0	1.3	•0	.0		.0	1.3		ň	1.3	.0	.0	.0	:0	1.3
107 70	••	1.0	•0	••	•	•••			•		••	••	••	••	,,,,
				E .								SE			
HGT	1~3	4-10	11-21	22-33	34-47	48+	FET		1-3	4-10	11-21	22-33	34-47	41+	PCT
<1	•0	.6	٥.	.0	.0	• 0	• 0		1.8	0	.0	•0	•0	•0	3.0
1-2	.0	.0	•0	.0	.0	.0	• <u>• •</u>		•0	14.6	5.1	.0	•0	•0	10.6
3-4	.0	.0	.9	•0	•0	•0	. 9		• 0	5,4	7.0	.0	•0	•0	12.3
5-6	•0	.0	•0	•0	• ?	•0	•0		•0	•0	2.5	.0	•0	•0	2.5
7 8-9	٠٥.	.0	•0	.0	•0	•0	•0		•0	.0	1.3	.0	•0	•0	.0
10-11	•0	.0	•0	•0	•0	.0	.0		•0	.0	٠.٥	.0	•0	•0	.0
12	.0	.0	•0	•0	.0 .0	•0	40		•0	.5	•0	.0	•0	.0	•0
13-16	:0	:0	.0	.0	.0	.0	.0		.0	.0	.0	:0	•0	.0	.0
17-19	.0	.0	.0	.0		.0	.0		ő	.0			.0		.0
20-22	-0	.0	•0	.0	•0	•0	ě		'n	.0	.0	.0	•0	.0	.0
23-25		•0	.0	.0	.5	.5	.5		'n		.0	.0	•0	.0	.0
26-32	.0	.0	•0		.0	:	ŏ			•0			•0		.0
33-40		.0	•0	.0	.0		.0		.0	.0	.0	.0	•0		•0
41-48	ŏ		.0	.0	•0		.6		.0	ò	.0	:0	•0	:0	.0
49-00	.c	.0	.0	.0	.0	.0	.0		.0	.0	.0		•0		.0
61-70	.0		.0	•0	.0	.0	•0		'n	.0		.0	٥٥		.0
71-86	.0	.0		.0	۵.	.0	.0		.0	.0	.0	.0	ěŏ		.0
87+			.0	·š	• 5	.0	.0		ň		•0	.0		ě	•6
TOT PCT	. 0	.0		•0			9		3.0	19.9	15.6	ő	.0	:0	34.6

									AUGUST				4954	0008	WEST BD	.uen
PERIODI	(DVE	-ALL)	1963-1	972				TABLE	18 (CONT	,			-758		4N 107	
				PĆ	T FREG OF	HIND	SPEED	(KTS)	AND DIREC	NCITS	VERSUS	SEA HEIG	HTS (FT	)		
				5								Sw				
HG f	1-3	4-10	11-21	27-33	34-47	48+	PCT		1-3	4-10			34-47	48+		
41	1.3	1.3	0	.0	•0	٠.	2.5		•0	1.3			•0	•0	1.3	
1-2	•0	11.7	11.1	0	••	•0	22.8		•0	2.8			•0	.0		
3-4	• 0	5.7	4.4	1.3	.0	.0	11.4		•n	.0			•0	.0		
5-0 7	.0	2.5	1.3	.0	.0	.0	1.3			ě			.5	.0		
8-4		.0	• (-	.0	.0	٠.:			ċ							
10-11	.0			.0	ě		ě		ň				•0	:		
12	·	.0		.0		.5	.0		.0				.0	.0		
13-16	.c		• 6		.0		.0			. 0			•0			
17-19		.c	· č	.0	• ^	.0			.0	.0			•0	.0		
20-22	.0	.0	.0	.5	•	.0	.0		•0	.0		0	•0	.0	.0	
23-25	.0	.0	• c	.0	.0	. 0	.0		, n	.0		.0	•0	.0	.0	
26-32	• 0	.0	• 6	• C	•0	. C	.c		•0	.0		• • 0	• 0	.0		
33-40	.0	.0	.0	.0	•0	.0	.0		•0	•0			•0	.0		
41-48	.0	.0	•0	.0	٠,	.0	.0		• 0	.0			•0	.0		
49-00	.c	* C	• 0	•0	٠,	•0	•6		•0	ي ه			•0	.0		
61-70	.0	.0	• *	•0	.0	• 0	• 0		• ^	• • •			•0	.0		
71-66	. C	.0	• (	• 0	٠,	٠.	٥.		.0	• 5			٠C			
674	.0	.0	• (	0	•0	•0			9.0				•0	• •		
TOT PCT	1.3	21.2	18.0	1.3	٠,	•0	41.6		•0	10.6	1.9	• • • • •	•0	•0	12.7	
												f/h				TOTAL
HST	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	484	PCT	PCT
<1	.0	.0	.0	.0	.0	.0	.0		•0		, .		•0		) /C	
1-2	2.5	.0	.0	.0	• .	.0	2.5		•0	• 9	) .(	, ,	.0			
3-4	.0	.0	.0	.0	.0	.0	. 0		•0	• 6			•C	. (		
5-6	.0	.0	•0	<b>~</b> 0	.c	.0	•0		•0	• (			•0			
7	.0	.0	.0	•0	• •	•0	ن		• • • • • • • • • • • • • • • • • • • •	• 9			•0	.0		
8-9	.0	.0	•0	•0	• 6	-0	2.		•0	• 9			•0	.9		
10-11	•0	.0	•0	• 0	••	.0	•0		•0	•			•0	•9		
12	.c	.0	•0	•0	•0	•0	٥		٥.	• (			•0	• 9		
13-16	.0	.0	• 0	•0	•0	•0	, ,		.C	•			•0	• 6		
17=19 20=22	.0	.0	•0	.0	.0	.0	) e		.0				٥٠			
23-25	.0	.0	•0	.0	•	.0	.0						•0			
26-32		.0	•0			.0			ň				•0			
33-40			• • • • • • • • • • • • • • • • • • • •		.0	:5			. 0				.0			
41-48	.5	.0			ě								•0			
49-00	č	.0	.0	.č	, A	.0	. č		. 0				•0			
61-70	.0	.0	.0		in				.0				, 0			
71-05	.c	.0	•0		. 1	.0	, .		'n				•0			
87+	.0	.0	.0		• າ	• 0	.0	)	•0		٠. ن	0.0	•6		0 .6	
TOT PST	2.5	.0	•^	-0	• (*	•0	2.5	ı	•"	• •		ں. د	• 0	•	••	100.0

	4170	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	6.3	2.5	.0	.0	•0	.0	4.4	283
1-2	2.5	33.0	16.3	.0	.0	.0	52.5	
3-4	.0	15.0	12.5	1.3	.0	.0	26.8	
5+6	.0	2.5	5.0	.0	. 0	.0	7.5	
•	.c	.0	2.5		.0	.0	2.5	
1-9	.0	.0	•0	'n	.0	.0		
10-11	.0	•0	٠č	.0	. 0	.0	õ.	
17	.0	.0	.c	.0	.0	.0	Č	
13-16		.0		. 0	.0	.0		
17-19	.0	• 0	.c	.0	-0	.0	.0	
20-22	٠.	• 0	.0	, n	.0	.0	.0	
23-25	.0	•0	.0	.0	.0	.0	.0	
26-32	.0	.0	. C	.0	.0	.0	.0	
33-40	·U	.0		.0	.0	.0	.0	
41-44	. 0	. 0	.0	.0	.0	. 7	.0	
49-60	٠.	• 0	∻ C	.0	.0	.0	.0	
61-70	.0	.0	•c	.0	.0	.0	.0	
71-86	. 0	.5	.0			.0	.0	
97+	. 5	. 0				.0	.0	
				•			•	80
TO POT	6.5	53.8	36.3	1.3	.0	.0	100.0	

									SEPTEN	her							
ER 120 :	(PRIMARY)								TABLE	1			AREA 000		T 80R		
					P	EPCF VT	FREGU	ENCY 0	F RFATUER	GCCURRENCE	84 MI.	AD DIB	ECTION				
				•	RECIPI	TATIO!	TYPE					CTHEP	MEATHER	PHEND	HENA		
	HNO DIA	RAIN	RAIN SHWR	PR7L	FRZG PCPN	SNOW	DTHER FRZN FUPN	HAIL	PEPH AT OB TIME	PCPN PAST Hour	THOR	MO.	FUG WO PEPN Past Hr	SMOKE	BLWG	RAY DUST SNOW	
	% E S S S	.0 8.0 4.3 .0 4.9	.000000	.0 .0 .0 1.3	9000000	.00000000000000000000000000000000000000	0000000		8.0 4.3 1.3 4.9	.0 .0 .0 .0 .0 .0 .0 .0	.0 66.7 .0 3.5 3.8 7.4	.0 .0 1.7 .0	.0 .0 .0 .0	00 00 3.2 2.6 4.9			00.U 33.3 92.U 85.3 89.8 77.9
	NA VAR	?5.0	.0	25.0	.0	.0	.0	ن. ک.	50.0	•0	.0	•0	.0	•0		.0	50.0
	TOT PCT TOT COS:	.0 4.1 222	.0	.9	.0	.0	.0	.0	5.0	.0 1.e	.0 4.1	.9	•0	•0 3•2		•0	85.1
									TAR	E 2							
						₽E	RCENT	FREQUE	NCY OF WE	ATHER OCCU	RRENCE	ву нап	R				
					HECIPE								4£4T4E#		-		
	HCJR (GTT)	*125	PAIN	PRPL	FRZG PCPY	SNOW	OTHER FRZN PCPN	HAIL	PCPN MT OB TIME	PLPN PAST MBUR	THOR LTNG	בטב ינף,	PUG MB PCPN PAST HR	HAZE	BLWG	TAV DUST SNOW	NN SIG
	60300 90360	1.7	.3	.0	:0	.0	.0	.0	1.7	3.4 1.8	1.7	1.0	.0	3.4	1	• 2	89.8
	12615	5.9 3.2	.0	1.6	.0	•0	.0	.0	7.8 4.8	.0	12.7	1.6	:0	5.9 1.6		.0	82.4 81.0
	TOT SES:	4.4 229	.0	. 9	٠.	•0	•0	*C	5.2	1.7	4.4	.9	•0	3.1		• 2	85.2
							REQUEN	ICY OF	FAT IRIO POIN	E 3 CTIUN BY S	reed as	C BY H	_				
	AND DIR	0-3		5P#E			46+	TOTAL Cas		AN CO	c3	69	HUUR (	GMT1 12	15	18	21
	N H E Sa S	1.0 1.2 2.1 3.3	.8 1.1 4.2 18.4 25.6	.1 .5 3.8	.0	0.00	00000		1.4 2.2 5.9 26.4	.4 3. 3 5. 6.4 0. 3 35.	0 .0 3 10.0 43.3	1.4 7.7 33.9	1.8 5.4 23.4		.0 .0 .0	2.2 1.9 3.0 17.7	2. 5. 23.
	NF E \$2 \$ \$	1.0	1.1 4.2 18.4 25.6 11.2 2.5	.1 .5 3.8 6.6 2.3	.0	000000	000000		1.4 2.2 5.9 26.4 35.6 10.0	.3 2. .3 35. .8 30. .4 17.	0 00 3 10.0 43.3 43.5 25.0 7 15.0	1.4 7.7 33.9 38.3 12.0	1.8 5.4 23.4 35.5 17.5	3.3 3.7 19.4 38.0 19.1 9.8	.0 25.0 54.2 16.7	1.9 3.0 17.7 36.6 18.6 6.1	3. 6. 23. 32. 14.
	NF E Se S	1.0	1.1 4.2 18.4 25.6 11.2	.1 .5 1.8 6.6 7.3	•0	0.000	00000		1.6 2.2 5.9 20.4 35.0 10.0 5.5	.3 35. .6 30. .4 17. .6 2.	0 00 0 10 0 0 43 3 0 25 0 0 0 0 0 0 0	1.4 7.7 33.9 38.3 12.0 4.6	1.8 5.4 23.4 35.5 17.5 6.8 3.9	3.3 3.7 19.4 38.0 19.1 9.8 1.0	.0 25.0 54.2 16.7 4.2	1.9 3.0 17.7 36.6 18.6 6.1 2.0	3. 6. 23. 32. 14. 3.
	NF E S S NA NA C4L	1.0	1.1 4.2 18.4 25.6 11.2 2.5 1.2	.1 .5 3.8 6.6 2.3 1.0	.0	0000000	00000000	1054	1.6 2.2 5.9 20.4 35.0 10.0 5.5	.3 35. .6 30. .6 30. .4 17. .6 2. .6	00 00 00 00 00 00 00 00 00 00 00 00 00	1.4 7.7 33.9 38.3 12.0 4.6 .0	1.8 5.4 23.4 35.5 17.5 6.8 3.9	3.3 3.7 19.4 38.0 19.1 9.8 1.0 5.3	25.0 54.2 16.7 4.2 .0	1.9 3.0 17.7 36.6 18.6 6.1 2.0	3. 23. 32. 14. 3. 3.
	NF E S S S NA VAR CAL TOT CBS	1.0	1.1 4.2 18.4 25.6 11.2 2.5 1.2	.1 .5 3.8 6.6 2.3 1.0 .2 .0	.0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1054	2.4 2.2 20.4 30.0 10.0 5.5 1.7 5.2	.3 35. .6 30. .6 30. .4 17. .6 2. .6	00 00 00 00 00 00 00 00 00 00 00 00 00	1.4 7.7 33.9 38.3 12.0 4.6 .0	1.8 5.4 23.4 35.5 17.5 6.8 3.9	3.3 3.7 19.4 38.0 19.1 9.8 1.0 5.3	25.0 54.2 16.7 4.2 .0	1.9 3.0 17.7 36.6 18.6 6.1 2.0	3. 23. 32. 14. 3. 3.
	NF E S S S NA VAR CAL TOT CBS	1.0	1.1 4.2 18.4 25.6 11.2 2.5 1.2 .0 685 65.0	.1 .5 3.8 6.6 2.3 1.0 .2 .0	.0	.0 .0 .0 .0 .0 .0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1054 (KNG1 28-4	1.6 4 2.2 5.9 (2.6 4 35.0 1 10.0 5.5 1.7 0 5.2 1	.3	0 00 00 00 00 00 00 00 00 00 00 00 00 0	1.47 7.77 38.3 12.0 4.6 .0 251 100.0	1.8 23.4 23.4 35.5 17.5 0.8 3.9 3.0 140	3.3 3.7 19.4 38.0 19.1 9.8 1.0 5.3	.0 25.0 25.0 54.2 16.7 4.2 .0 .0 .0 .0 .0	1.9 3.0 17.7 36.6 18.6 6.1 2.0	3. 23. 32. 14. 3. 3.
	NF E S S S NA VAR CAL TOT CBS	1.0	1.1 4.2 18.4 25.6 11.2 2.5 1.2 .0 685 65.0	15.8 6.6 7.8 1.0 2.7 176 16.7	.0	.0 .0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	1054	1.6 4 4 2.2 5.9 9 26.4 33.6 10.0 5.5 1.7 0 5.2 100.0 TARI	.3	9 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.47 7.73 38.30 4.66 251 100.5	1.8 23.4 35.5 17.5 6.8 3.9 0.0 3.40 100.0 1	3.7 19.4 38.0 19.1 9.8 1.0 5.3 169 00.0 1	.0 25.0 25.0 25.0 25.0 25.0 20.0 20.0 20	1.9 17.7 36.6 18.6 6.1 2.0 .0 10.0 100.0	3. 23. 32. 14. 3.
	NF E S S S NA VAR CAL TOT CBS	1.0	1.1 4.2 18.4 25.6 11.2 2.5 1.2 .0 685 65.0	15-7-8-6-6-7-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1	0-6 1.4 2.2 0 6 6 1.4 2.9 3.6 10.3	#ING 7-16	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1054	1.6 2.2 2.5 9 12 26.4 35.6 10.0 5.5 1.7 6.0 5.2 100.0 TAPI	.3	00 00 00 00 00 00 00 00 00 00 00 00 00	1.47 7.97 38.30 12.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1.8 23.4 23.5 23.5 23.9 .0 1.0 1.0 0 0 0 0 1.8 6.7 3.9 9.9 9.9	3.7 19.4 38.0 19.1 9.8 1.0 5.3 10.0 5.3 10.0 9 1.5 6.8 0.1 1.5 6.8	-00 25.0 54.2 16.7 4.2 00.0 12 00.0 GMT; 15 3.0 3.3 9.1	1.9 1.9 1.7 36.6 6.1 2.0 10.0 100.0 18 21 2.1 2.1 2.2 3.8 3.8 3.8	3. 23. 32. 14. 3.
	NF E S S S NA VAR CAL TOT CBS	1.0	1.1 4.2 18.4 25.6 11.2 2.5 1.2 .0 685 65.0	-1 -1 -1 -6 -6 -7 -2 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	0-6 1.40 3.6 1.40 3.6 14.8 7.9	00000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1054 (KNCI 28=4	1.6 2.2 5.9 6 2.2 5.9 6 2.3 5.6 6 1.5 7	.3	00000000000000000000000000000000000000	1.47 7.93 36.00 20 20 ND 43436 8 8	1.8 23.4 23.4 23.5 23.5 23.9 00 140 100.0 100.0 1.8 2.4 6.7 32.8 17.0 17.0 17.0 17.0	3.7 19.4 31.7 19.4 31.9 19.8 1.0 5.3 10.0 5.3 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10	-00 25.0 54.2 16.7 -00 12.0 00 -00 12.0 -00 -00 -00 -00 -00 -00 -00 -00 -00 -	1.9 9.7 36.6 6.1 2.00 10.00 10.00 10.00 12.00 10.	3. 23. 32. 14. 3. 3.
	NF E S S S NA VAR CAL TOT CBS	1.0	1-1 4.2 10.4 25.6 11.2 2.5 1.2 0 685 65.0	10000000000000000000000000000000000000	0-6 1.6 2.0 3.6 10.3 14.8	00000000000000000000000000000000000000	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	1054	1.6 4 2.2 2.4 3.5 6.0 15.5 1.7 .0 5.2 100.0 100.	.3	00 00 00 00 00 00 00 00 00 00 00 00 00	1.4.7.7.33,9 38.33 12.0.4.6.6.0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.8 23.4 23.4 23.5 6.8 9.0 140 100.0 1 2.4 6.7 32.9 17.0 2.7 32.9 17.0 2.7	3.3 3.7 10.4 210.1 10.1 10.1 1.0 1.0 1.0 1.0 1.0 1.0 1	-00 54.22 16.7 16.7 10.0 00.0 12 00.0 6 6 4 3.0 3.9 9.8 9.8 9.8 9.4 1.0	1.9 5.0 17.7 36.6 6.1 2.0 10.0 10.0 10.0 10.0 18 21 2.1 2.1 2.6 20.5 34.5	3. 23. 32. 14. 3.

#### SEPTEMBER

PERIUD: (PRIMARY) 1906-1971 (DVER-ALL) 1856-1971 TARLE 4

AREA OGOS WEST BORNED

PERCENTAGE	F*ECUENCY	GF	H: NO	SPEED	HCHR	(CMT)

MOUR	CALH	1-3	4-10		SPEED (		48+	MEAN	PCT FREU	TOTAL OBS
00403	3.6	12.4	64.5	18.9	.6	.0	.0	7.7	100.0	169
06609	1.0	13.3	63.4	20.5	1.0	.0	.0	7.9	100.0	391
12615	5.0	14.4	66.3	13.6	. 6	.0	.0	6.9	100.0	101
18621	10.5	10.5	66.5	12.5	.0	.0	.0		100.0	313
TOT	95	132	685	176	6	Ö	0	7.3	•	1054
PCT	5.2	12.5	65.0	16.7	.6	.0	.0		100.0	•

TABLE 5

TABLE 6

•	CT FRE			LOUD A		(E1647-5)		•					CEILIN NH <5/					
WND DIR	0-2	3-4	5-7	8 £	TOTAL	MEAN CLOUD COVER	000 149	15n 29a	300 399	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999		NH CS/R ANY HGT	
N	.6	. 8	.0	. R		4.5	•0	•0	.0	.0	•0	•0	.0	•0	•0	.0	2.3	
NE	. 2	.0	1.1	•0		6.1	•0	• ^	• 0	. 2	.0	. 3	.0	.0	.0	.0	1.1	
E	. 5	2.2	2.9	2 . 3		6.1	•0	• ^	.0	.6	1.3	.0	.0	•0	.0	1.7	4.0	
ŠE	1.9	4.2	10.1	6.9		5.7	•0	• 0	.0	1.9	1.5			2.5	• 0	.0	15.5	
š	3.4	6.1	10.5	12.8		5.7	• 5		1.7	3.2	2.3			• 0	•0	•0	24.2	
Š*	1.3	3.4	6.7	0.2		6.0	•0	• 1	٥.	. 8	2.5	1.7	.0	• 0	•0	9.0	14.5	
ŭ	1.7	1.7	5.7	2.1		5.3	. 8		. 8	.6	. 8	.0	, c	.0	•0	.0	6.0	
N.				- ; ;		8.5	•0	• 0	.0	• 2	.0	.0		•0	•0	.5	• 2	
VAR	ڏ.	č		.0		~~^	•0		ò	.0	.,	.0	.0	.0	•0	.0	•0	
		Ä				5.5	• 5	• •	٠.	•0	.0	•0		• 6	•0		. 8	
CALM TOT DBS		23	44	41	119	5.7	• • •	• • •	• • •	۰	10	• • •	• • • •	•	•	• • • • • • • • • • • • • • • • • • • •	14	119
TOT PCT	4.2	19.3	37.0	34.5	100.0	<b>,</b> ,		• 2	2,5	7.5	9.4	3.4	1.7	2.5	•0	2.5	70.0	100-0

TABLE 7

CUMULATIVE PCT FREE	OF CIMULTANEOUS OCCURRENCE
UF LEILING HEIGHT	THE YERY CHA LEVAC HAT

				VSBY (NH	17			
Calling	• 7R	⇒ JR	- SR		<ul><li>2#</li></ul>	● PR	ቀ ግጽ	• DR
(FEET)	>10	>5	>2	<b>&gt;1</b>	>1/2	>1/4	>5040	>0
- na >6500	7.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
● DR >5000	4.1	4.9	4.9	4.4	4.9	4.9	4.9	4.9
■ DR >3500	>.7	6.5	6.5	6.5	6.5	6.5	6.5	6,5
<ul> <li>DR &gt;2000</li> </ul>	8.9	9.8	9.8	9.8	9.8	9.8	9.8	9.6
■ DR >1000	17.1	18.7	13.7	18.7	18.7	18.7	16.7	15.7
• DR >600	72.0	24.4	25.2	20.0	26.0	26.0	26.0	26.0
■ DR >300	23.6	26.0	26.8	28.5	28.5	29.5	20.5	78.5
a 08 >150	23.6	26.0	26.8	28.5	28.5	28.5	20.5	20.5
. DR > 0	21.6	26.0	26.8	28.5	26.2	24.0	29.3	29.3
TOTAL	29	32	33	35	35	35	36	36

TOTAL NUMBER OF UB51 123 PET FREQ NII <5/81 70.7

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 8 DBSC UBS A.4 10.3 21.8 17.3 10.9 3.8 A.3 6.4 14.7 .0 156

SPOTEMBER

							SPP	TEMBER						
PEPIDD: (PRIMARY) (CYER-ALL)							TA	PLE 8				ARE	A 0008	80RNES 167.4E
		P#	RCENT					VS DECU VING VA					€ OF	
V56Y (NM)		<b>K</b>	NE	£	SE	٤	22	٠	MM	VAP	CAL	PCT	TOTAL	
41.48	PCP	2.	.0	.0	.0	•0	•0	. 5	.0	.0	•0	.5		
<1/2	NO PCP TOT \$	3.	.0	ů	.0	٠,	• 6		•0	.0	•0 •0	.5		
	PCP	.c	.c	.0	.0	•0	•0	•0	•0	.0	•0	.0		
1/2/	1 NO PCP TOT %	.0	0.	.0	.5	• 5	•0 •8	.0	.s	.5	•0			
	PCP	.e	٠.	.0	٥.	.5	•0	, 3	• 1	.0	•0	.9		
1<2	NO PCP TOT \$	.0	.0	•0	. 9	• 5	•0	.3	.0	.0	•0 •0	1.8		
	PCP	.0	.0	.0	.0	٠o	. 5	.0	•0	.0	••	,5		
2<5	NG PCP TOT %	•0	٥. ٥.	.0	•1	1.2	•0	.5	•0	•0	:3	2.3		
	PCP	٠,	٠.	.7	.2	.0	•0	.0	•0	.0	•0	.9		
5<10	NO PCP TOT \$	:7	. 5	.5 1.1	3.0	6.9	3.A	1.1	• 2	•0	•0	16.7		
	PCP	.с	.0	•0	.9	•0	. 9	. 0	.1	.0	.0			
10+	NO PCP TOT &	::	.2	7.3 7.3	20.4	26.2 26.2	13.4	5.2	•1	.0	1.5	74.8 77.0		
	TOT DAS												222	
	TOT ACT		-	8 4	24 0	26.2	18.4	7.4	. &	•		100.0		

TARLE 0

							_				_		
VS8Y (4m)	SPD KTS	N	NE	E	5 E	S	Sin	*	NW	VAR	CALM	PCT	TOTAL
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	٠.	.0	.0	
1/2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	. ၁	٠.	•0	.0	• 0	.0	.2	.0	٠.		٤.	
	22+	.0	•0	•0	• 2	•0	.0	• 0	.0	.0		٠.	
	TOT #	٠,٥	• •	•0	•9	•0	•0	.2	.0	.0	•0	12	
	0~3	.0	.0	.0	σ.	.2	.0	. 5	.0	.0	.0	.2	
/2<1	4-10	.0	.0	•0	•0	.1	-1	.0	.0	.0		. 2	
	11-21	. 0	٠٥	•0	•2	.0	.0	٠.	• 0	. ა		.2	
	22+	.0	•0	.0	.0	• 0	• 0	• 0	.0	.0		.0	
	TOT \$	.0	.0	•0	.2	.3	• 1	.0	•0	.0	•0	.5	
	U-3	.0	.0	• 5	.0	.0	.2	.0	• ?	.0	.2	.3	
1<2	4-10	.0	. ,	• •	. 3	.4	•0	• 0	.0	.0		• 7	
	11-21	٠.	• 0	• 3	. 2	•0	•0	• 1		.0		. 3	
	22+	.0	• 0	٠٠	•0	•0	•0	• •	•0	•0		.0	
	TOT S	.0	•0	.0	.5	•4	.2	-1	•	•0	•2	1.4	
	0-3	.0	.0	.0	.0	.2	.2	. ၁	.0	.0	.2	.5	
2<5	4-10	.0	•0	• 1	. 3	.7	. 6	. 3	•0	•0		1.9	
	11-21	. 3	٠,	• 1	• 1	• 1	.0	.2	.0	.0		.5	
	22+	.0	•0	.0	.0	0	.2	• 0	• 0	•0		2	
	707 \$	.0	.0	. 2	.4	1.0	. 4	• •	•0	.0	• 2	3.1	
	0-3	.0	.0	.3	1	. 2	. 2	• 2	. 2	.0	.5	1.4	
5<10	4-10	.3	٠Z	• •	1.2	2.8	2.0	• ?	. 5	•0		6.0	
	11-21	.2	.0	•0		1.1	. 3	-1	• 6	• 0		2.6	
	22+	.0	.0	•0	.0	.0	•0	.0	.0	.0		0	
	TOT \$	.4	.2	. 8	5.1	4.1	2.6	. 4	.5	.0	.5	11.9	
	0-3	. 6	1:1	. •	1.0	2.3	1.5	1.9	.1	. 2	5.6	15,6	
10+	4-10	. 5	. 5	4.4	10.0	20.4	7.8	1.5	1.1	.0		54.3	
	11-21	.0	.0	. 2	4.4	5.2	1.0	. 4	.0	.0		12.4	
	22+	0	0	_• <u>0</u>	2	0	2	0	0	•0		3	
	TOT \$	1.1	1.6	5.5	24.4	28.0	11.4	4.2	1.2	•0	5.6	83.0	
	nT Des							_					587
1	TOT PCT	1.5	1.8	6.4	27.5	33.7	15.1	5.7	1.0	.0	6.5	100.0	

23	ME	£R

							SEFTE	HBER						
BOP1 (YEAMING) (DEINGE BEB1 (JAR-REVO)	-1471 -1971						TABLE	10			46	£0000		BSKNED 107.4E
			*E	CENT F					HTS (#		>4/81 #	סמי		
HDUR EGMT3	000 149	150 29y	300 599	600 999	1999	2000 <b>3499</b>	3500 4999	5000 6499	6500 7999	5000+	TOTAL	%H <5/8		
J0203	٠.	.0	٠.	4.9	12.2	2.4	2.4	2.4	٠٠	2.4	26.8	73.2	4	1
20300	2.9	• 2	•0	5.9	5.9	2.9	2.9	•0	•0	•0	20.6	79.4	3	14
12415	٠.	٠.	9.4	6.3	6.3	3.1	.0	3.1	.0	•0	20.1	71.9	3	2
10521	٠,	.0	• •	7.1	6.1	3.0	.5	3.0	. ,	5.1	27.3	72.7	3	3

				TABLE 2	.1						TABLE	17		
		PERCENT	FREJ. EN	CY /58	(***)	AT HUUR		CUMULAT					VSAY (NM)	
40,8 (GYT)	€' /2	1/20.	` </th <th>2 &lt; 5</th> <th>5&lt;11</th> <th>10+</th> <th>TOTAL CdS</th> <th>۹ر ۲۳ (۱۳۲۵)</th> <th>&lt;150 &lt;50 YB</th> <th></th> <th>&lt;1300 &lt;5</th> <th></th> <th>NH &lt;5/8 AND 5+</th> <th>TUTAL DRS</th>	2 < 5	5<11	10+	TOTAL CdS	۹ر ۲۳ (۱۳۲۵)	<150 <50 YB		<1300 <5		NH <5/8 AND 5+	TUTAL DRS
00503		د.	٠,٩	1.8	16.1	81.3	112	0.1603	•0	٠.	5.4	24.3	70.3	37
06609	.5	1		3.7	8.5	80.2	188	96330	3,3	3.3	10.3	13.3	73.3	30
12615	٠,	1.5	7.9	2.9	15.2	78.1	105	12615	•0	10.7	17.9	14.3	67.9	26
1862.	. `	.:	2.1	3 2	11.1	43.4	189	30521	•3	•0	14.3	21.4	64.3	28
*3* #5*	.,	د د.	;.3	• 16 . j. e	7. 12	493 93.0	594 100.0	707 207	. à	3.3	15 12.2	23 18.7	R5 69.1	123 100•0

TTT 1 0 3 9 11 4 2 3 ^ 5 36 104 140 PCT .7 .0 2.1 0.4 7.9 2.5 1.4 2.1 .0 2.1 25.7 74.3 120.0

				•	4466 .	3									TABLE	14			
	PERC	ENT FR	EGUENO	Y JF 0	E: 4 T I v	E +,*1	S YTIC	Y TEMP				PER	CENT FR	EQUENC	Y 0F 41	40 DIRE	CTION B	Y TEMP	
têmb t	0+29	30-39	40-49	59	40-69	70-74	50-57	401	TOTAL	PET	٠.	٠.٤	E	St	\$	5 w	w '	UM VAR	CALM
90/44 65/09 80/54 75/79 TOTAL	::			• • • • • • • • • • • • • • • • • • • •	2.0	27.5 27.5		2.6 16	19 124 9	.7 12-4 *1.3 5.9	.?  1.8	.c	8.5	4.2 21.7 .7	5.2 24.5 1.0	1.8 14.5 2.9	6.9	0 .0	2.0
PCT										• > • • • • • • • • • • • • • • • • • •	1.8	1.0	9.0	26.4	31.9	.9.3	8.0	.3 .0	2.0
				748	LF 15										TABLE	16			
	EANS, S	7 * 9 E 4E	5 4-0	PERCEN	**(#\$	2# TE"	046) 4	F) 84	HOUR			PERC	ENT FRE	QUENCY	OF REL	ATIVE I	464101TY	84 HOUR	ı
HOUR (GMT)	~4×	96+	95*	40%	9*	15	-15	-EA-	TUTAL OBS		HULP (GFT)	0-29	30-59	60-69	70-79	80-81	90-100	MEAN	TOTAL D#S
00203 90340	90 93 85	88 90 84	85 88	82 83 82	78 78 79	76 75 78	74	81.9 83.1 82.0	164 381 179		00£03 06£09 12£15	•0	•0	2.4 13.2 2.9	34.2	39.	13.2	61 79 82	42 38 35
12615 18621 TOT	80 93	84 69	84 83 86	62 62	79 79	76 76	74	81.6 82.3	313 1637		18621	•0	.0	•0	30.4	52.	11.4	82 81	159

SFPTEMBFR

PERIOD: (PRIMARY) 1938-1971 (GVER-ALL) 1858-1971

TABLE 17

AREA 0308 WEST 805120 .4N 107.4E

PCT PAPE OF AIR YEMPERATURS (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

		•				• ••••	
AIR-SEA	77		85	10	TUT	¥	MO.
THO DIF	80	84	88	92		F7u	FOC
11/13	.0	.0	.0	. 3	1	.0	.5
7/8	.0	1.0	.0	•0	2	.0	1,0
5	.0	.5	1.0	. 5	4	.0	2.0
	.0	.0	. 5	.0	1	.0	. 5
3	.0	.0	. 5	. (	1	.ŏ	. 5
2	. 5	5.5	2.5	, 0	17	,0	8.5
ī	.0	7.0	3.0	. 5	žn	.5	9.5
Ū	.5	23.9	1.0	.0	51	.c	25.4
	.5	16.9	1.5	. 0	38	.0	18,9
-1 -2	1.5	15.4		.0	34	.0	16.9
-3	2.0	3.0	1.0	.0	12	.0	6.0
-4	2.5	3.0	.0	.0	11	.0	5.5
-5	2.0	.5	• 1	. ~	5	۰.0	2.5
-0	1.0	•0	. 0	, C	2	.0	1.0
-9/-10	:.0	• 0	. 5	, 0	2	. 3	1.5
THTAL	23		26		•	ì	200
		154		2	201	•	
PCT	17.4		10.9	1.6	100.0		99.5

PERIODS (QVEA-SCL) 1963-1971

				pr	T FRES D	F MIND	SPEED (	KIZ) WAS DIME	ETION V	ERSUS S	EA MEIG	HTS (FI)		
HGT	i-3	4-10	11-2"	27-13	34-47	494	PCT	1=9	4-10	11-21	22-33	34-47	48+	PCT
<1	. 2	. 0	• *1	.0	٠٠	• 0	• 0	.0	• 2	•^	• 2	•0	.0	.0
1-2		. 0	.0	.0	. 0	.0	2.	.0	.0	.0	.0	.0	. 3	.0
3-4	٠.٥	٠.	• ^	.0	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0
5-6	• -	٠.	•0	.0	.0	.0	.0	.0	• 0	• 9	.0	•0	.0	•0
7	• ?	.0	•0	.0	• •	•0	ه د	•0	.0	.0	.0	•0	• 3	.0
8-9	• 3	-0	•0	•0	• 0	•6	•0	•0	•0	•0	•0	•0	•0	•0
10-11	. C	.0	•0	.0	•0	•0	.0	• າ	•0	•0	-0	•0	.0	.0
12	.:	.0	•0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0
13-16	• 3	. 0	•0	•0	• ^	٠٥	• 0	•0	.0	•0	•0	•0	.0	•0
17-19	٠.	.0	•0	.0	• 2	٠ú	•0	•0	.0	•0	.c	•0	.0	.0
20-55	• :	.0	• 0	•0	•0	•0	.0	•0	• 0	•0	•0	•0	.0	•0
23-25	.0	.0	•0	.0	• ?	.0	•0	•0	• 5	•0	•0	• 3	•0	•0
26-32	.c	.0	•0	• 0	• 2	•0	•0	•0	.0	•0	.0	•0	•0	•0
33-40	• 3	.0	• 0	.0	•0	.0	•0	-n	• 0	•0	٠٥.	•0	.0	.0
41-48	. 3	.0	• າ	• 0	• • •	•0	•0	• 0	•0	•0	• 0	•0	•0	•0
49-00	. 3	.0	•0	•0	• • •	•0	•0	٥٠	•0	•0	•0	•0	•0	• 0
61-70	• >	٠.	• 0	• • •	٠,	-0	•0	•0	• 0	•0	•0	•0	.0	•0
71-86	• 0	.0	• າ	•0	.0	٠.	•0	•0	.0	•0	•0	•0	.0	•0
87+	•0	.0	•0	•0	•0	. 0	•0	•0	.0	•0	•0	• 9	•0	•0
TOT PET	• >	.0	•0	•0	٠,	.0	•0	• 2	•0	•0	•0	•0	•0	•0
				F							SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1		1.5	•0	•0	•0	.0	1.5	• ^	4.4	•0	-0	•0	.0	4.4
1-2	2.0	3.4	•0	.0	.0	.0	5.4	• 9	12.7	٠.	.0	•0	.0	12.7
3-4	•0	5.4	.0	. 9	.5	.0	5.4	.0	7.4	4.9	2.0	• 3	.0	14.2
5-0	• >	.0	•0	•0	•0	•0	• C	•0	5.0	.5	.0	•0	.0	2.5
. 7	• 9	.0	• ?	•0	•0	.0	9.0	• 6	•0	•0	•0	•0	.0	•0
8-9	.0	٠.	•0	.0	•0	.0	• 0	•0	•0	•0	•0	•0	.0	•0
10-11	• ?	.0	•0	•0	• 0	.0	•0	• 2	•0	•0	•0	•0	•0	•0
12	• 3	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
13-16		.0	•0	•0	• 0	٠.٥	•0	• ?	.0	•0	•0	• 0	٠.0	•0
17-19		.0	•0	.0	.0	•0	•0		.0	•0	.0	•0	•0	.0
50-55	• 5	.0	•0	•0	• 5	.0	•0	.0		•0	•0	•0	.0	•0
23-25	•0	.0	•0	•0	• ?	•0	•0	•0	•0	•0	•0	•0	•0	•0
26-32	٠.	.0	+0	•0	•0	• • •	•0	•0	•0	•0	•0	•0	•0	•0
33-40	• ?	.0	• .	• • •	•0	٥.	•0	•0	•0	•0	•0	• 0	.0	•0
41-48	• 3	.0	را •	.0	.0	.0	•0	•0	•0	•0	•0	•0	.0	•0
49-60	٠,5	.0	•0	.0	.0	.0	•0			•0	•0	•0	.0	•0
	• ?	٠.	•0	•0	٠٥.	.0	•0	•0	•6	•0	.0	•0	.0	•0
71-56 87-	• ?	.0	•0	•0	•0	• 0	2•	•0	•0	•0	•0	•0	• 0	•0
	2.5	10.3	• ?	•0	• C	.0	12.3	3.	20.5	5.4	2.0	•0	.0	33.8
134 PC1		:0.3	• ()	•0	• **	.0	14.3	• 17	2007	7,4	2.0	•0	•0	,,,,

PER 1001	10.05								SEPTEMB	FR				A N C A	0000	WEST BD	
ber 1001	(DAE	-ALL)	1403-1	7/1				TABLE	18 (60	17)				AVEN		.4N 107	
				•6	T FREC	OF FIND	SPEED	(KTS)	AND DE	·61139	. 4E	*5u\$ \$	EW ME I W	HTS (FT)	)		
				\$									Sh	- · · -			
HGT	1-9	4-10	11-21	27-93	14-47	48+	PCT		1-			11-21	22-33	34-47	48+		
<1	•0	0	•0	•0	2.	•0	-0		_•		.0	.0	•0	•0	.0		
1-2	•0	7.4	.0	.0	•6	٠.٥	7.4		2,		, 6	.•?	0	• 0	.0		
3-4 5-6	.0	2.0	0.4	•0	9.	.0	16.2		:		. 8	2.5	2.0	•0	.0		
7	.5	1.0	1.5	2.	.6	.0	.0		:		Ö	.0	•0	•0	.0		
2-4	ě		.0	•0		.0	č		:		ŏ	.0	•0	•0	ŏ		
10-11	.0	.0	•0	.0	.0	•0	.0		:		ō	.0	•0	•0	.0		
12	.5	.0	•0	•0	.0	•0	.0		:		ŏ	.0	.0	.0	.0		
13-16	.5		.0	.5	ě	.5	ěč				ò	.0	•0	• • •			
17-19	.0	.0	.0	ň	.0	.0	.c						.0	.0	.0		
20-22	. 0	.0	.0	. 0	.0	.0	.5		:		Ď	ě	.5	• 5	.ŏ		
23-25	.0	.c	.5	.5							. 5	.0	.0	•0	.0		
26-32	. 3	.0	.0	•0		•0	.0				. 0	.0	•0	• 0	.0		
33-40	.0	.0	.0	•0	.0	.0	.0			າ .	. 0	.0	.0	• 5	.0	.0	
41-48	.0	.0	•0	.0	.0	•0	.c			n .	• 0	.0	•0	.0	.0	• 0	
49-60	.0	.0	.0	•0	.5	.0	.0				•0	.0	.0	•0	.0	• 0	
61-70	.0	.0	•0	•0	.c	.0	•0			n	.0	.0	.0	•0	.0		
71-06		.0	.0	-0	. 0	.0	• C			0 .	• 0	.0	•0	. 3	.0		
87+	•0	.0	•0	•0	.0	.0	.0				•0	.0	•0	•0	.0		
TOT PCT	•0	19.1	7.8	•0	•¢	•0	27.0		2.	0 16	•7	2.5	2.0	• 6	.0	23.0	
				₩									NM				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-	3 4-	10	11-21	22-33	34-47	48+	PCT	PCT
<ī.	.0	.0	•0	•0	•0	•0	•0		٠.	n	٠.	.0	•0	• 5	.0	.0	
1-2	.0	.0	.0	.0	.0	.0	.0			0	, C	.0	.0	.0	٠.	.0	
3-4	.c	.0	1.5	.0	.0	.0	1.5			0	.0	. 5	• 0	• 0	.0		
5-6	.0	.0	• 0	.0	.0	.0	.0			n	• 0	.0	.0	• 0	.0	.0	
7	.0	•0	•0	.0	• ?	•0	.0			η.	• 0	.0	.0	•0	.0		
8-9	٠,	.0	•0	-0	.0	.0	•0				•0	.0	.0	•0	.0		
10-11	.c	.0	•0	•0	•0	•0	• 0				•0	.0	-0	•0	.0		
12	•0	.0	•0	•0	•0	• C	• C				• C	•0	-0	• 0	.0		
13-16	•0	.0	• 0	•0	٠.	•0	•0				•0	•0	•0	•0	•0		
17-19	•0	•0	•0	-0	• 0	٠.0	• 0				٥.	• 5	- 0	•0	•0		
20-22	٠.٤	•0	•0	- ¢	• 0	•0	• 0				•0	•0	•0	• 0	• 0		
23-25	•3	.0	•0	.0	• ?	٥.	٥٠			-	•0		.0	• 0	•0		
26-32	٠.	.0	•0	•0	•0	•0	•0				•0	•0	•0	•0	•0		
33-40 41-48	•0	-0	•6	.0	-c	٠,	• č				.n	•0	•0	•0	•0		
49-60	.c	.0	9.	•0	:£	•0	0.0				.0	.0	.0	•0	.0		
a1-70	.0	.0	•0	•0		.0	•0				.0	.0	.0	•5	.0		
71-86	.3	.0	•0	•0	.0	.0	.0				.0	.0	•0	• 6			
37+	.5	.0	•0	•0	• • • • • • • • • • • • • • • • • • • •	.0					.0	• • • • • • • • • • • • • • • • • • • •	.0	.0	.0		
TOT PCT		.0	1.5	.0		•0	1.5				.0	.5	•0	•0	•0		98.0
10. PC1	••	••	1.00	•0	•,	••			•	•	••	• • •	•0	••	•••	• • • • • • • • • • • • • • • • • • • •	

	4170	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-39	34-47	49+	FOT	TOT
€1	1.9	5.8	.c	"n	.0	.0	7,7	385
1-2	3.8	32.7	.c	.0	.0	.0	10.5	
3-4	.0	30.0	15.4		.0		50.0	
5-6		3.8	1.9	.0	.0	.0	5.8	
7	.0	.0	.0		.0	.0		
8-9	.0				.0			
10-11			.č		.5	.5	.0	
12	.5	ŏ		.0	.0		.0	
13-16	٠,٠	.0	č	.0	.0	ŏ		
							•0	
17-19	.0	• 0	•0	• 0	•0	• ?	•0	
50-55	.0	.0	.5	• 0	• 0		.0	
?3-25	.0	• 3	.0	.0	.0	.0	.0	
70-32	٠.	•0	•0	• • •	.0	٠.	•0	
33-40	.0	• 2	.0	• 0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	. 5	
49-60	.0	.0	.c	ຳ	.0	.0	.0	
\$1-73	.5	.5	.5		. 2		.0	
71-86			.0				·õ	
07+		.5	.:			•0	ŏ	
314	••	• ,	••		•••	• •	••	52
TET PET	5.8	73.1	17.3	1.1	-0	.0	100.0	36

PERIOD: (QVER-ALL) 1949-1971 TABLE 19 PRRIET FREQUENCY OF WAVE MEIGHT (FT) VS MAVE PERIOD (SECONDS) 87+ TOTAL 4EAN 4GT .0 76 3 .0 19 4 .0 4 3 .0 1 2 7.6 .0 .0 .0 .0 .0 .0 .0 .0 .13 .0 76
.0 15
.0 4
.0 1
.0 0
.0 0
.0 0
.0 0
.0 105
.0 100.0 7.6 5.7 1.0 .0 .0 .0 .0 15 24.8 .0 1.0 1.0 .0 .0 3.8 32 30.5 31.4 7.6 1.9 .0 .0 .0 .0 43 .0000000000 0000000000 000000000 0000000000 ...... 1.0 .0000000000 000000000 0000000000 ........ .0000000000 ..... 0000000000 000000000

#### DETOBER

PERIODI	(PRIMARY)	1908-1971
	(OVER-ALL)	1855-1971

TABLE 1

AREA 0008 HEST BORNED .5N 107.42

PERCENT	FREQUENCY	OF	KEATHER	OCCURRENCE	84	MIND	DIPECTION	

			,	REC I P I	TATIO	N TYPE					GTHER	WEATHER	PHEND	HENA	
WIG ENW	RAIN	RAIN SHWR	BRZL	FRZG PCPN	SNOV	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST HOUR	THOR LING	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST BLWG SNOW	NO SIG WEA
N NE SE SW NW NAR NAR CALM	.0 6.3 8.0 2.7 .0 7.0 17.8 6.8	.0 6.3 .0 .0 .0 .0 .0 .0 4.4	9.5 6.3 4.0 2.7 .0 .0 3.0		• • • • • • • • • • • • • • • • • • • •		00000000000	9.5 19.0 12.0 5.4 .0 10.2 25.2 6.8 .0	.0 .0 5.4 .0 2.7 7.4 2.3	.0 4.0 5.5 2.1	4.00.00.00	.00	.0 .0 .0 .0	•0	90.5 81.0 80.0 89.2 94.5 85.0 67.4 90.9
TOT PCT TOT COS:	6.3	1.7	2.1	•0	•0	•0	•0	10-1	2.5	2.1	.4	•0		•0	84.0

TARLE 2
PERCENT FREQUENCY OF WEATHER DOCUMENCE BY HOUR

			•	RECIPI	TATIO	N TYPE					DTHEP	WEATHER	PHEND	HENA	
HOUR (GHT)	RAIN	RAIN SHWR	DRZL	FRZG PCPN	รมบฟ	RTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR L TNG	FOG VO PCPN	FUG WO PCPN PAST HR	SYCKE HAZE	SPRAY BLWG DUST BLWG SNOW	
00203 00209 12215 1230:	8.8 3.8 9.4 8.5	5.1 .0	3.2 .0 3.8 1.7	.00	•0	.0	.0	12.3 6.9 13.4 10.2	5.3 .0 .0 5.1	1.3 3.5 3.4	1.3 .0	.0	.0 .0 1.9 1.7	•? •0 •0	82.5 88.6 61.1 79.7
TOT PCT	7.3 248	1.6	2.0	٠.	•0	•0	•0	10.4	2.4	2.0	.4	•0	.8	•0	83.5

TARLE 3
PERCENTAGE PREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

NNO DIR	G-3			55-33 G (KNE		48-	TOTAL DBS	PCT FREQ	KEAN SPD	nn	n <b>3</b>	96	на <b>цк</b> 09	(GMT) 12	15	18	21
N	1.1	2.7	.2	.1	•0	.0		4.1	6.0	2.5	6.3	4.6	5.7	6.5	0	3.3	1.6
NE	1.1	3.2	. 3	•0	•0	•0		4.7	6.0	5.6	6.3	4.1	4.9	4.7	9+1	5.8	2.6
€ 5€	:.0	4.2	1.2	• ()	.0	•0		7.3	6.5	9.1	18.8	9.3	4.1	.4.0	9.1	6.8	7.7
ŞĒ	1.7	10.2	1.5	.0	•0	.0		13.3	6.9	17-1	15.6	18.5	9.8	10.4	13.6	9.0	10.9
S	4.1	13.4	1.7	- 1	•0	.0		18.3	0.4	20.5	31.3	20.1	16.7	19.6	13.6	16.7	20.1
Šw	3.2	13.4	7.4	. 3	.0	.0		19.3	7.3	18.7	15.5	17.7	14.5	23.7	18.2	21.2	20.1
h.	2.5	7.2	1.7	. 4	. 1	.0		11.9	7.6	12.0	•0	9.9	17.3	12.2	9.1	13.0	10.5
Ñ.	1.9	4.0	1.1	i		.0		7.1	6.5	6.2	6.3	5.2	10.6	6.8	9.1	7.5	8.0
VAP		.0			.0	.0			.0	•0	•0	.0	•0	•0	• 0	.0	.0
	13.0	•0	• 4	••	••	•••		13.0	.0	8.0	.0	10.6	16.3	12.0	18.2	16.7	18.2
CALM						•	993		5.9	162	16	236	123	156	11	150	137
TOT COS	303	581	100			0	773		247								
TOT PCT	30.5	58.5	10.1		• 1	• ()		100.0		100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0

					TAR	LE 3A						
WND DIR	0-6	#IND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL OBS	PCT	MEAN SPD	00 03	HBUR 06 09	1 (GHT) 12 15	18 21
V NE E SE S SW W NW VAR CALM TOT CRS	2.8 3.2 4.3 7.2 11.6 10.2 6.7 4.7	1.3 1.3 2.9 6.0 7.4 8.0 4.3 2.0	101 02 02 04 101 06 03	.0		173	4.1 7.3 13.3 19.3 19.3 11.9 7.1	6.0 6.5 6.9 6.4 7.3 7.6 6.5	3.1 5.6 10.0 17.0 21.5 18.4 11.0 6.2 7.3	4.9 7.5 15.5 18.9 10.7 12.4 7.0 12.5 13.9	6.1 5.0 4.3 10.7 19.2 23.4 12.0 7.0 12.4	2.6 6.3 7.2 9.9 18.3 20.6 11.8 7.8 .0 17.6 287
TOT PET	43.4	33.0	3.0	.3	•0		100.0		100.0	100.0	100.0	

CC\*08E\*

PERIOD: (PRIMARY) 1908-1971 "OVER-ALL" 1855-1971

TARLE 4

AREA 0008 WEST BORNED .5% 107.4E

PERCENTAGE PREDUENCY OF WIND SPEED BY HOUR (GHT)

				WIND	SPEED (	KNOTSI			PCT	TOTAL
AUCH	CALM	1=3	4-13	11-71	22-33	34-47	48+	MEAN	FREQ	085
00603	7.3	19.7	62.9	9.6	.6	.0	.0	5.9	100.0	178
04609	12.5	15.3	60.4	9.7	1.7	. 3	. 0	6.3	100.0	359
12615	12.4	20.7	52.1	14.8	, 8	•0	• 0	5.1	100.0	169
14621	17.4	17.1	27.1	8.0	. 3	.0	.0		100.0	287
721	120	174	511	100	4	1	٥	5.9		993
0/4	13 0	17 6	40 6	10.1	•	· ·	^		100 0	

TARLE 5

TAPLE 6

	CT EG-	2 76 3	ntsi i	. 400 4	SADIME I	EIGHTHS)			<b>0-2</b> (EN	TACL 6	RECUEN		PET: 15	ME + 6				
•				DIREC		E10111137			6-00-	AND DO	CURREN	CE OF	NH 45/	8 8V k	ומ מאזו	RECTI	34	
						MEAN							4				, .	
WND DIR	0-2	3-4	5-7	nøscn	TOTAL	CRAES	000 149	150 299	301 599	939	1999	2000 <b>3499</b>	3500 4999	5000 6499	6500 79 <b>9</b> 9	8000+	NH <5/8 ANY HGT	
N	.0	1.6	2.3	.6		5.7	•0	.0	.0	.0	1.6	• 2	. 2	.0	.0	.0	2.4	
٧E	. 5	1.6	1.6	3.3		6.1	• 0	.0	.0	.0	2.5	. 8	. 2	.0	.0	.0	3.9	
£	3,	1.6	5.7	4.3		6.2	•0	• 0	.0	. A	2.0	. 8	. 6	• 0	.0		8.2	
ŞE	1.6	7.7	7.0	2.7		5.7	•0	• 0	.0	2.5	1.5	1.0		40	.0	.0	8.0	
S	.0	1.8	7.0	4.9		6.4	•0	• ^	•0	2.0	2.3	. 6	.0	• 6	.0	.0	8.2	
Sĸ	. 2	. 2	5.6	7.5		7.5	• 0	• 7	• 0	1.4	3,9	1.6	Ä	4.0		.0	8.0	
w	.6	. 8	6.4	9.8		7.1	•0	• 2	. ,	4.7	3.3	. 8	.0	.0	•0	.0	8.0	
No.	٠.	.0	1.5	1.2		7.3	•0	.0	.0	.4	. 6	• 0		•0	•0		1.2	
VAR	. 3	.0	.0	•0		. 0	• • •	• 2	. 0	.0		• • •	.0	•0	.0	.0	. 5	
CAL <sup>3</sup>	2.3	2.3	3.1	3.1		4.9	• 0	• 2	.c	2.3	1.6	• 5	.0	•0	•0	.0	7.0	
TOT CAS	8	16	56	48	128	6.3	Ď	7	1	19	25	•	4	ž	- 0	ň	71	120
TOT PCT	5.3	12.5	43.5	37.5	100.0		• 5	• 2	, ē	14-1	10.5	5.5	3.1	1.6	•0	.0	55.5	100.0

TARLE 7

				DF \$140				
CEILING	• OR	- DR	s GR	V\$37 [~~	) - DR	• DR	• DR	• DR
(FEFT)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
- TR >6500 - TR >5000 - TR >3500 - TR >2000	.0 .8 3.8 6.1	.0 1.5 4.5 6.3	.0 1.5 4.5 9.8	.0 1.5 4.5 9.8	1.5 4.5 9.8	1.5 4.5 0.8	1.5 4.5 9.6	.0 1.5 4.5 9.8
= "R >10^0 = DR >607 = DR >300 = DR >150 = DR > 0 TDT4:	19.7 31.1 21.8 31.8 31.3	25.8 37.9 38.6 38.6 35.0	28.8 42.4 43.2 43.2 43.2	28.8 42.4 43.2 43.2 43.2	28.8 42.4 43.2 43.2 43.2	28.8 42.4 43.2 43.2 43.2	28.8 42.4 43.2 43.2 43.2	28.8 42.4 43.2 43.2 43.2

TOTAL NUMBER OF DBS: 132

PET FREG NH 45/8: 56.8

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 085C0 085 7.3 7.5 20.1 12.1 10.9 10.9 10.3 13.8 3.6 .7 170

								nc	TORER						
PERIOD: (541)		908-1971 954-1971						TA	ALE .				ARE	A 0008	BORNED 107.4E
			<b>&gt;</b> 1	FRCENT						URPENCE ALUES (				E OF	
	V584 1983		•	NE	E	SF	\$	\$-	H	NW	VAR	CALM	PCT	TOTAL	
	<b>C</b> 1/2	PCP ND PCP TDT %	.00	.0 .0	•0	•0 •0	•0 •0	• • • •	.0	.0 .0	.0	•0	.0		
	1/2<1	PCP NO PCP TOT %		.00	.0	•0	•0	::	.0	.0	.0	.o .o	.0		
	1<2	PCP NO PCP TOT %	• • • • • • • • • • • • • • • • • • • •	.3	.c .s .n	.0	•0	0.0	• • • • • • • • • • • • • • • • • • • •	•0	•0	•0 •3 •0	.0		
	2<5	PCP NO PLP TOT %	.0	.4	.^ .4	.4	• 0 • 4 • 4	::		.0	.00	• 6 • 4 • 4	2.5 4.6		
	5<10	PCP ND PCP TOT %	.¢	. o . 5 . 5	.8 1.8	2.7	•0 ••4 ••4	1.9 2.9 3.9	2.7 2.7	1.1 1.1	.c		2.5 16.4 18.9		
	19+	PCP ND PCP TDT %	3.2 3.4	:::	7.9	.9 11.6 11.6	.0 11.4 11.4	.9 14.7 15.0	2.5 7.9 10.7	3.3 3.5	•0	6.7 6.7	4.2 71.0 75.2		
		TOT DAS					. 5 . 3	10.4		4.4	•		100.0	238	

AND THE PROPERTY OF THE PROPER

TASLE 9 PERCENT FREQ OF mind DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY

VSAY (PV)	545 • T\$	•	<b>`</b> E	٤	SE	\$	44	4	vy	VAR	CALM	PET	TOTAL
	J-3	40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
€1/2	4-10	3.	.5	.5				.0		Ü	•••	. ö	
	.1-21	č		.0			.š	.0					
	22.		.0	.5			.5	. )	.0	.0		.0	
	TOT &	.5	.5	.0	.0	.ŏ	ŏ		.0	.ŏ	^		
	1131	. 0	• 0	.0	.0	.0	• 0		• 9	.0	•0	•0	
	0-3	.0	•n	.4	.0	.0	.0	٠.	• 0	.0	.0	. 4	
1/2<1	4-10	.0	• 0	. 0	.0	.0	.0	.0	.0	. 0		.0	
• . •	11-21	.c		0.6		.č	. 5	.0	.0	. ū		. 0	
	22+	.0	.0	. 0	.0	.0	.0	.0	.0	.0		.0	
	107 %		.ŏ		.ŏ	ŏ		.0	.0		.0		
	1411		••	••	••	••	••	• •	• •	••		••	
	0-3	.0	•0	•0	.0	.c	.2	.5	.0	. 0	.2	.4	
1 < 2	4-10	.0	.0	. 2	.4	.0	. 2	.0	.0	.0		. 3	
	11-21	.0	. 2	.0	.0	.0	.0	.0	. 0	.0		.2	
	22+	.0	.0	. 0	.0	.0	.0	٠.	.0	. 0		.ō	
	TOT #	.0	• 2	. 2	. 4	.c	. 4	.0	.0	.0	.2	1.3	
	J=3	.0	.2	.0	.0	.0	.0		.0	٠.	.2	.4	
2<5	4-1C		. 5		3.				.0		•••	2,3	
247	11-21	.0	.5				.6	.3				- ; ;	
	22+	.0			::				.5	Ö			
	TOT \$		. C		.7			. 3	• •	č	.2	3.5	
	101 %	.0	• ′	.5	• ′	. 6		.,	•		• 2	3,3	
	0-3	.2	.0	.2	.3	.4	.3	. 2	.2		2.1	3.9	
5<10	4-10	. 5	.4	1.0	1.6	1.8	1.3	1.2	. 9	.0	_	8.7	
	11-21	.0	.0	.0	.0	. 4	.8	• 4	. 1	.0		1.3	
	22+	.0	.0	.0	.0	.1	.2	. 3	.0			.6	
	TOT \$	. 7	. 4	1.2	1.0	2:7	2.5	1.7	1.2	3:	2.1	14,5	
	0-3	1.4	1.6	1.7	.6	1.3	1.7	2.7	1.7	.0	11.4	24.1	
10+	4-10	2.4	2.6	2.9	7.9	11.2	10.5		3.2			40.8	
¥ J +	11-21	•:3	2.3	1.2	1.6	11.4	2.2	1.5	7.5	:0		9.1	
	220		:6		1.0			•:2	:5	č		7;4	
	TOT %				10.1	12.5	14.6	10.7	5.4		11 4	00.3	
	101 \$	4.0	4.4	5.8	10.1	13.8	14.0	10.7	7.4	.0	11.4		
1	TOT DAS												519
	INT PCT	4.7	5.7	8.1	13.1	17.1	18.0	12.5	6.6	.0	13.9	100.0	•

PEKIUDE	(PRIMARY)	1908-1971
	JAMES-ALL S	1266-1071

ERCENT	FREQUENCY								>4/81	AND
	necus	BEN	r e	DE :	ш	1618	-	Lifting.		

HOUR (GHT)	000 1+9	190 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6501 7999	8000÷	TOTAL	NH <5/8 ANY HGT	
60300	.0	.0	.0	10.5	23.7	.0	.0	.0	0	•0	34.2	65.8	38
96809	.0	.0	.0	8.7	8.7	4.3	6.5	2.2	٠,	.0	39.4	69.6	46
12614	.0	-0	2.7	13.5	16.2	2,7	٠.	2.7	.0	.5	37.8	62.2	37
14631		•		14.3		11 4			^		48.7	64.4	15

TABLE 11 TABLE 12

PERCENT FREQUENCY VSSY (NY) BY HOUR								CUMULAT					VSBY (NM)	
HOUR (GYT)	<1/2	1/2<1	1€2	2<5	<b>5</b> <10	10+	TOTAL Cas	HOUR (GMT)	<150 <50YD	<600 <b>∢</b> 1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00603	.0	.0	1.9	2.9	14.3	81.0	105	80300	•0	.0	12.9	29.0	58.1	31
90340	.0	.6	1.2	2.4	16.1	79.8	168	90360	•0	.0	13.2	23.7	63,2	38
17615	•0	.0	3.1	5.2	14.4	77.3	97	12613	.0	3.0	39.3	15.2	54.5	33
18821	.0	.6	1.3	3.8	13.2	81.1	159	18621	•0	.0	16.7	36.7	46.7	30
TOT PCT	.0	. 2 . 4	1.7	. 8	77 14.6	423 80.0	529 100.0	TGT PCT	.0	. 6	24 18,2	34 24.8	74 46.1	132

••••• .00000 .0.00 7.7

TARLF 15 TABLE 16

	MEANS,	EXTREM	ES AND	PERCEN	ITTLPS	OF TEX	IP (DE	6 F) 8	Y AQUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	ALIUILA	BY 400F	R
HOUR (GPT)	MAX	99%	95%	50%	54	1*	HIN	MEAN	TOTAL	HOUR (GMT)	0=29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
£0300	89 94	96 91	84	62 63	78 78	76 76	75 73	81.7	177 364	60300 90360	•0	1.7	2.4	33.3	45.2	19.0	84 79	47 50
12615	86 85	85 84	85 83	82 #1	79 78	76 76	69 75	\$1.9 \$1.2	167 282	12615 18621	•0	•0	5.3	28.9	55.3 41.0	10.5	81 56	39 30
TOT	94	90	86	82	78	76	69	82.1	990	707	0	1	7	45	85	30	82.	178

PCTORER

PERIJD: (PRIMARY) 1908=1971 (OVER-ALL) 1855=1971

SABLE 17

AREA DOOR WEST BORNED .5N 107.4E

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOD (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

			-	-			•		
AIR-SEA	69 72	73 76	77 80	81 64	85 88	89 92	זמז	₽0G	#D FOG
5	.0	.0	.0	.0	.4	.4	2	.0	
4	.0	٠,٥	.0	. 8	.8	. 8		.0	2.5
3	. 0	.0	. 0	. 4	. 4	.0	6 2	·ò	٠,٠
Ž	.0	.0	. 4	3.4	2.1	ō	14	.0	5.9
ĩ	.0	.0	. 4	4.7	2.5	.ò	18	.0	7.6
å	.0	.0		11.0	2.5		32	.4	13.1
-ĭ	٠ŏ٠	.0	a	12.3	. 8	:0	33	.5	14.0
-ż	.0	ä	1.7	19.9	.4	.ŏ	54	ž	
- ;		.õ	1.3	8.5					22,9
	• 3				.0	• 0	23	•0	9.7
-4	.0	.0	3.4	5.9	.0	.0	2	•0	9.7
-5	.0	.0	3.*	3.9	.0	•0	16	•0	6.8
-6	.0	.0	1.3	.4	.0	.0	4	•0	1.7
-7/-8	.4	.8	2.1	.0	.0	. 6	8	.0	3,4
-9/-10	.0	.4	. 2	٠.	.0	.0	1	.0	- 4
TOTAL	1	5	• -	166		3	•	ĭ	235
	-		37	•	24	•	2-6	•	•
PCT	. 4	2.1		70.3		1.3	100.0	. 4	99.A

PEFIGO: (OVER-ALL: 1963-1971

				20	T FRE0	OF WIND	SPEEC	(KTS) AND DIR	KC1138	ERSUS S	EA HEIG	HTS (FT	)	
				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1=3	4-10	11-21	22-33	34-47	46+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	1.4	2.9	•0	.0	٠,	.0	4.3	.0	3.3	.0	.0	.0	.0	3.3
3-4	.0	.0	.0	.0	۰.	.0	3.	.0	4.3	.0	.0	.0	.0	4.3
5-6	.0	.0	•0	•0	.0	.0	•0	.0	.0	.0	.0	•0	.0	.0
7	.0	.0	•0	• 2	۰,	.0	.0	.0	.0	.0	.0	•0	.0	.0
8-9	.0	.0	•0	.0	.0	•0	•0	•0	•0	,0	.0	•0	.0	.0
10-11	.0	.0	•0	• 0	• • • •	•0	.0	.0		.0	.0	•0	.0	.0
12	.0	.0	• 0	•0	• ^	.0	.0	. 0	.0	.0	.0	. 5	.0	.0
13-16	.0	.0	•0	٠0	.0	• 0	.0	.0	.0	.0	•0	• 0	.0	.0
17-19	.0	.0	•0	. 0		.0	.0	.0	• 0	.0	•0	• 0	.0	.0
20-22	.0	.0	•0	•0	.0	•0	.0	.0	.0	ò	•0	.0	.0	.0
23-25	.0	٠0	•0	•0	•0		.0	•0	.0	.0	.0	•0	.0	.0
26-32	.0	.0	•0	.с	•0	.0	• 0	.0	•0	.0	.0	•0	.0	.0
33-40	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	•0	.ŏ	.0
41-46	.0	.0	.0	.0	.0	.0	.0	• 0	.0	.0	•0	•0	.0	.0
49-60	.0	.0	•0	٠.	٠,	.0	.0		.0	.0	•0	.5	.5	.0
61-70	.0	.0	•0	.0	.0	٠.	.0	.0	٠,	.0	.0	.0	.0	.0
71-86	.0	.0	•0	.0	•0	.0	•0	.0	.0	.0	.0	•0		.0
87+	.0	.0	•0	•0	.0	.0	ن ہ		.0	.0	.0	•0	.0	.0
TOT PCT	1.4	2.9	•0	•0	.0	•0	4.3	• • • • • • • • • • • • • • • • • • • •	7,6	.0	.0	• 0		7.6
												•	• •	
				É							SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-2:	22-33	34-47	<b>48</b> +	PCT
<1	.0	1.4	•0	.0	.0	.0	1.4	•0	1.8	•0	.0	• 9	.0	1.8
1-2	.0	2.5	2.5	•0	.0	•0	5.1	.0	5,8	. 4	.0	.0	:0	6.2
3-4	.0	2.9	•0	.0	.0	.0	2.9	•0	1.4	1,4	•0	.0	.0	2.9
5-6	.0	•0	•0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0
7_	.0	.0	•0	.0	.0	•0	• 0	.0	.0	.0	.0	.0	ò	.0
8-9	.0	٠.	•0	•0	.0	•0	•0	*u	•0	.0	.0	.0	.0	.0
10-11	•0	.0	•0	.0	.0	•C	•0	,0	.0	•0		.0	. 5	.0
12	•0	.0	.0	.0	.0	•0	.0	•0	•0	.0	.0	• (*	.0	.0
13-16	•0	.0	•0	.0	.0	.0	.0	• 0		.0	•0	.0	.0	.0
17-19	•0	.0	•0	.0	•0	•0	.0	•0	٠,	•3	٥.	.5	.0	.0
20-22	•0	.0	•0	.0	.0	.0	•0	•0	• 0	.0	٥.	•0	.0	.0
23-25	.0	.0	•0	.0	.0	.0	• 0	•0	.0	.0	.0	.0	.0	.c
26-32	•0	.0	•0	.0	,n	•0	.0	.0	•0	.0	.0	•0	.0	.0
33-40	•0	.0	•0	.0	•0	.0	•0	•0	•0	•0	.0	• 0	. 3	.0
41-44	•0	.0	•0	.0	.0	.0	•0	•0	•0	.0	.0	•0	.0	.0
49-60	•0	.0	•0	.0	.0	.0	.0	•0	•0	.0	.0	•0	.0	.0
61-70	•0	.0	•0	.0	.0	•0	•0	•0	• 0	.0	•0	•0	.0	,0
71-56	•0	.0	•0	.0	.0	•0	•0	.5	•0	.0	.0	•0	.0	.0
8*+	•0	.0	.0	.0	• 2	.0	•0	<b>+</b> 0	• 0	.0	.0	•0	.0	.0
TOT PCT	•0	6.9	2.5	.0	• 0	.0	9.4	•0	9.1	1.8	.0	•0	.0	10.9

PERIOD	I fove	4-411)	1563-	1971					CCTOREP							
				•				TABLE	18 (CONT	,			AREA	000*	WEST BE	PNED
				9	*T +1+2° 0	F WIND	SPEED	(KTS)	400 01250	TION (	ERSUS	5=4 hf1	SH75 (FT:	,	10	. 46
HGT	1-3	4-10	11-21	5 22-13	347	48+	0ET					54				
<1	.0	2.5	.0	.0		7.0	2.5		1-5	4-10	11-21	22-33	34-47	48+	*61	
1-2	2•	4.0	•0	.0	. 2	.0	4.0		.0	5.9	.0	.0	•0	.0	.7	
3-4 5-6	•0	2.5	2.9	.0	.0	.0	5.4		ő	4.7	1.6	.0	•0	.0	8.7	
7	.0	•0	•6	.0	.0	.0			. 0	1.4		• •	•0	.0	6.2	
8-9		.0	• 0	•0	•^	• 0	.0			.0	.,	•0	•0	•0	1.4	
10-11	Š	.0	0. 0.	•0	• 0	+0	.0		.,	.0		.0	•0	.0	.0	
12	Ĭ		.0	.0	.0	٠,٠	.0		.0	.0	.5	.0	•0	.0	•0	
13-16	.0	.0	•0	.:	• ?	• 0	• 0		• 2	.0		.0	•0	:0	•0	
17-19	. 0	.0	ň	.;	.0	•0	•0		•0	•0	.0	.ŏ	iŏ	:0	.0	
20-22	.0	.0	.0	.0	•0	.0	.0		.0	•0	.0	.0			.0	
23-25	. 3	.0	.0	.0		.0	.0		•0	.0	.0	•0	•n	.0	.0	
26-32	.0	U	.0	.0	້ຳ	•0			• 0	.0	۰.0	.0	• 0	.0	.0	
33-40	•0	.0	•0	.0	, c		.0		•0	•0	•0	•0	• 0	.0	.0	
41-48	.0	.0	.0	. 2	. 1	.5	.0		.0	• 6	• 0	.0	•0	.0	.0	
49-60	•0	.0	*0	.0	, ,	.5	. 5		.0	•0	.0	•0	•0	:0	.0	
61-70 71-86	٠٥	.0	• 0	<b>∻</b> C	• ^	.0			ň	.0	•0	•0	•0	. 0	.0	
47+	.0	•0	ي• د	• 3	٠.	٠.	. 0			.0	.0	•0	• 2	.0	.0	
TOT PCT	.0	.0	•0	ر ,	.0	.0	.0		ě	.0	.0	•0	•0	.0	.0	
107 761	•0	9.1	2.9	.0	. 1	• 0	12.0		. 4	13.4	3.3	•0	•¢	.0	. •0	
									•		•••	•0	•0	.0	17.0	
HGT	1-3	4-10	11-21	¥ 27-73	34-47	494	PCT					***				TOTAL
<1	1.1	2.2	.0	.0	.0	•0	3.3		1-3	4-10	11-41	22-33	34-47	484	PCT	PCT
1-2	4	7.6	1.1	.0	.č		10.1		• 2	. 4	.0	•0	•0	.0		P.C.1
3~4 5~5	• 0	.0	2.9	.0			2.9		٠ ٥	3,3	•0	•0	.c	.0	3.3	
7	•0	•0	2.2	.0	.0	•0	2,2		.0	٥.	• 0	٠.0	•C	.0	• 0	
2-4	.0	•0	•0	• 0	.0	•0			*6	:0	.7	•0	• 0	.0	• 7	
10-11		٠٥	•0	•0	. ၁	•0	.0		.0	ě	•0	•0	•0	.0	.0	
12	ě	•0	٠,	.c	.0	•0	٠.		.c	.0	.0	.0 .0	•0	•0	• 0	
13-16	iŏ	.0	0. 40	.0	•0	•0	.0		. 0	Ü	ě	.0	•c	•0	•0	
17-19	.5	ŏ	•0	.0	.0	•0	• 0		.0	.0	.0	•0	•0	•0	•0	
22-22	. 2	.ŏ	ěŏ	.0	.0	•0	.0		•0	.0	.0	.0	٥	•0	•0	
23-25	·c	.0	.0	:0	.0	.0	• 0		.0	. 3	ō	ě	.0	.0	•0	
26-32	. C	.0	.0		.0	• 0	• 6		• 0	•0	• 0	.0	ě		•0	
330	.0	•0	ő	٥٠	.0	•0	)،		• ^	• 0	•0	.0	.0		•0	
41-45	• 0	•0	•0						.0	.0	•0	•0	•0	.0	•0	
45-00	.0	•0	.0	.0	,0	.0	50		.0	•6	•0	• 0	.0	•0	•0	
61-70 71-86	•¢	•0	*0	.0	.0	.0	ċċ		."	.0	•0	• C	•0	•0	.0	
87+	٠٥	•0	•¢	.0	٠.	• 0	.0		• • •	,0	• 0	•0	•0	.0	•0	
TOT PCT	2.5	9.8	•0	.0	• 0	.0			'n	Ö	•C	•0	•0	* C	•0	
. 31 - 61	,	7.0	6.2	•0	• 5	•0	18.5		.0	3.6	• 7	•0	•0	•0	• 0	
									-		• •	•0	•0	•0	4.3	84.1

	WIND	SPEED	(KTS)	VS REA	HEIGHT	(FT)		
нет	9-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<3	17.4	e.7	• 0	.0				085
1-2	2.9	36.2	5.6	.0	٠,٥	٠.	20.1	
3+4	.0	15.9	8.7		.0	•0	44.9	
5-6	. 5	1,4	31.	•0	.0	.0	24.6	
7	.0		2.5	•^	٠.0	.0	4.3	
8-9		•0	•0	.0	, ú	.0	.0	
10-11	.0	•0	• 0	.0	.0	.0	٥٥	
	٠,	• 0	.0	• 0	.0	. 0	.0	
12	.0	٠٥.	••	.0	.0	.0	٠٠	
13-16	.0	0	• 0	.0	.0	.ŏ		
17-19	.0	.0	.0			.5	•0	
20-22	.0	.0	·c	.0			٠¢	
23-25	.0	.0	.0			•0	•0	
26-32	. 0	.0		•0	.0	.0	.0	
33-40	, o		•0	•0	.0	.0	•0	
41-48	ä	.0	•0	.0	.0	. 9	.0	
49-60		• 0	• 0	.0	•0	.0	.0	
	.0	• 0	·c	.0	.0	٠,	.0	
61-70	٠.٥	.0	•0	• 7	.0	.0		
71-86	.0	•0	• C		.0	.0		
#7 <b>+</b>	.0	• 0	•0	,0	.0		.0	
			•••	•••	••	•0	•0	
דחד פכד	20.3	62.3	17.4	.0	.0	.0 1	00.0	69

PERIOD: 'OVEP-ALL) 1949-1971 TABLE 19 PPRCENT PRESURNCY OF WAVE HEIGHT (PT) VS WAVE PERIOD (SECONDS) PERITO (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 1-2 24,8 1.3 .0 .0 .0 .0 .0 .9 42 38.5 49-60 61-70 71-88 .0 22.0 4.6 .0 .0 .0 1.8 31 28.4 .00.00.00 .9 .9 09000019 000000000 000000000 0000000000 000000000 0000000000 000000000 0000000000 000000000 0000000000

#### \*\*2VE\*8\*8

PERIOD: (PHIMAPY) 1915-1971 (GVER-411) 1854-1971

TABLE 1

APER 0008 #EST BONNET .6N 107.4E

Bear	PERS ERROUPING A SE	- BARNER OFFIDBENES	AU LILL BEARATION

			0	RECIPI	TATIO	N TYPE					ITHER	HEATHER	PHEND	MENA	
WAS SIR	411V	#AIN SMER	"R7L	FATG PCPN	SNOW	OTHER FRZN PCPN	.tAIL	PCPN AT OB TIME	PCP: PAST HUUP	THOR LING	FLIG NO PCPN	FJG NO PCPN PAST HR	SMOKE HAZE	SPRAY BLHG DUS' BLHG SNOT	NO T SIG H HEA
. 4 E 5 5 5 1 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6.1 5.4 4.2 3.5 4.7 7.7 .5	2.2	.0 4.8 .0 .0 3.5 .5 1.5	000000000000000000000000000000000000000		000000000000	0000000000000	8.3 11.4 4.2 13.3 6.3 14.9 3.0	3.540000200000000000000000000000000000000	2.6 .0 .0 1.0 3.6 6.2	1.8 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0	000000000000000000000000000000000000000	• • • • • • • • • • • • • • • • • • • •	83.6 86.2 100.0 95.8 85.7 91.7 75.4 85.5 100.0 80.0
TOT PET	4.5 330	2.4	1.2	.0	.0	.0	•c	6.0	2.7	2.7	.6	٠.	.0	•0	86.0

THALE Z

### PERCENT PREGUENCY OF PEATHER DOCUMERNOE BY HOUR

			U	RECIPI	747 I J	TYPE					CTHER	-EATHER	PHEND	MEINA	
HOUR (GMT)	PAIN	BAIN SmaR	"R7L	FRZG PCPN	SNOW	JTHER FRZN PCPN	HAIL	PLPY 47 38 T14F	PCHI PASI HOUR	THOR LTNG	60 84 80 84 80 84	FUG AD PCPN PAST HR	SMOKE HAZE	SPRAY ALWG DUST BLWG SNOW	ND S1G HEA
C0503 06609 12615 18721	4.8 2.2 5.1 6.4	2.4 3 2 1.3 2.1	.0 1.1 1.3 2.1		.0	.0	• • • • • •	7.1 6.5 7.7 10.6	2.4 5.4 .0 3.2	  1.3 8.3	.0 1.3 1.1	.0	.0	•0	90.5 88.2 89.7 76.6
TOT BOT	4.6	2.3	1.1	o	•0	.0	٠٥	8.0	2.9	2.5	.5	•0	•0	•6	26.0

### TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

#N0 01P	0-3			60 (Y4) 72-33		-0+	TOTAL DBS	PCT FR#Q	₩EAN SPG	٥٩	^3	06	наця 9	(GPT) 12	15	18	21
NF 5 4 4 4 A	2.7 2.4 1.5 1.5 2.2 3.1 3.0 3.1	9.8 6.1 2.3 3.1 5.6 1.9 9.8			.00.00			13.7 9.0 4.0 5.0 8.9 17.1 14.2 14.2	6.2 5.5 5.9 6.8 6.7 6.3	13.9 11.7 6.3 5.3 7.6 13.7 14.0 12.0	10.0	16.3	8.8 3.3 3.3 7.5 20.9 17.0	13.6 4.4 2.9 5.5 6.0 21.9 15.4 16.2	20.0 11.2 6.3 2.5 13.8 12.5 11.9	4.7 4.8 11.2 17.3 14.1	16.9 10.0 .9 5.3 3.8 15.6 10.6
TOT PCT	13.5 351 33.4	606 57.7	37	,7 ,7	.0	.0	1051	13.6	5.4	12.8 164 100.0	2.9 35 100.0	13.2 189 120.0	11.1 153 100.0	12.3 154 100.2	7.5 40 100.0	156	

TARLE SA

ATC CHH	0+5	#IND 7-15	5PEED 17-27	(RNCTS) 28-40	414	TOTAL DBS	PCT FREU	MEAN SPD	00 03	100H 06 99	12 12 15	18 21
	8.6	4.7	• 2	.6	٠.		13.7	6.2	13.6	12.0	14.9	13.9
~ε	6.3	2.7		.0			4.5	5.5	13.3	10.0	5.8	7.2
F	3.3	.,,		.c	. 0		*.5	3.0	0.4	4.2	3.6	2.6
\$6	3.2	1.6	. 2	• 0	. 0		5.0	5.9	7.7	3.6	4.9	5.1
۲.	5.8	3.0		.1	٥٠		1,9	6.3	9.7	1.3	7.6	10.0
۹,	10.2	6.4	. 4	•1	.0		17.1	5.5	13.1	10.3	20.0	14.5
•	1.1	4.6	,7	•0	.0		14.2	0.7	13.6	15.4	15.5	12.3
N.	A.9	3.0	. 3	• 0	.0		14.2	6.3	11.2	14.7	15.9	14.4
VAA	.3	.5		.0	.0			2.3	.5			.0
CALM	13.6		•	•			13.6	ن.	11.1	12.3	11.3	15.0
ThT GOS	728	302	16	2	0	1051		5.4	199	342	194	316
TOP PET	67.3	26.7	1.8	٠ž٠			100.0					

NOVEMBER

PEKINDE (PRIMARY) 1915-1971 (CVER-4LL) 1856-1971

4LL) 1856-1971 TARLE 4

AREA OUGS WEST BORNED .CH 107.4E

PERCENTAGE PREGUENCY OF WIND SPEED BY HOUR (GYT)

				LIMD	SPEED (	KNPTS)			PLT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FREC	085
£0200	11.1	22.1	57.3	9.0			.û	5.5	100.0	133
90409	12.3	18.4	57.9	9.9	1.5	.0	.0	5.9	100.0	342
12615	11.3	21.6	56.7	9.8	. 5	.0	.0		100.0	194
18621	18.0	18.7	50.2	5.1		.0	.0		100.0	316
TOT	143	208	606	87	7	e	O	5.4	•	1051
PCT	13.6	19.4	57.7	1.3	. 7	ن ،	.0		100.0	

TARLE 4

TABLE 0

P	CY FRE			CIJUU A		E1GHTHS1		•					CEILIN					
HND DIR	0~2	3-4	5-7	3 e 13233	TETAL CBS	MEAN CLOUD CLOUP	000 149	150 299	30° 599	600 999	1000	2000 3499	3400 4997	5000 6499	6500 7999		NH C5/R ANY HGT	
N	2.0	. 0	7.6	5.3		5.9	•0		.3	1.1	3.4	1.1	1.1	•0	.0	•0	8.8	
NE	. 3	. 2	7.4	. 6		6.0	•0	•0	. 3	• 0	1.2	• 2	.0	.0	.0	. 2	6.9	
E	. 5	1.7	1.8	1.5		5.3	• 0	2.	.0	. e	.0	• 0	. 0	.0	.0	. 5	4.4	
SE	. 5	. 0	2.0	• ?		4.4	• 0	• ^	, c	.0	1.2	. (3	. 0	.0	.0	.0	2.3	
Š	.0	. 5	2.7	3.0		7.0	•0	• • •	.0	. 9	2.1	•0	.0	• 0	•0		3.2	
Šħ	1.2	2.6	5.4	2.0		5.6	• 2	.0		4.3	. 5	.0		•0	.5	.0	11.1	
	1.5	2.1	7.2	7.6		6.2	.5	• 0	.0	2.3	2.7	2.0	. 6	•0	.0	.0	10.4	
Ñr	.6	3.0	9.1	5.9		6.7	• •		.0	.,		7,3		•0	•0		15.1	
VAR		1.3	. 6	•0		4.3	•0	•0	·			• 0	. 6	• 0	.0		1.2	
CALM	1.7	.6	2.4			5.9	•0	•0	.0	1.8	.6	•6	.0	•0	•0		3.7	
TOT DAS	13	27	82	47	144	5.9	Ť	Ä	ž	15	21	io	• •	ő	• 6	• ' '	110	164
TOT PCT	7.9	13.4	50.0	28.7	10.0	-••	•6	•0	1.2	9.1	12.8	6.1	2.4	• ñ	•0		67.1	100.0

TARLE 7

OF CEILING HEI			
· · · ·	-		

				VSBY (%M	1)			
CEIL14G	• GK	⇒ £1R	≠ CR	* P#	■ DR	• OR	e SR	■ OR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
00EAC NT =	.6	.6	.6	.6	.6	.6	.6	.0
■ PR >5000	. 6	.6	.6	.6	.6	.6	.6	. 6
• OR >3500	1.2	2.9	2.9	2.9	2.9	2.9	2.9	2.9
<ul> <li>₽ 2000</li> </ul>	6.4	9.9	9.9	9.9	9.9	9.9	9.9	9.9
● DR >1000	10.9	22.7	22.7	22.7	22.7	22.7	22.7	22.7
# FP >600	74.6	31.4	32.6	32.0	92.0	32.0	32.0	32.0
■ TR >300	25.6	32.6	33.1	33.1	33.1	23.1	33.1	33.1
■ 7R >157	25.0	32.6	33.1	33.1	33.1	33.1	33.1	33.1
• DR > 0	25.6	32.6	33.7	33.7	33.7	33.7	33.7	34.7
TOTAL	44	50	58	98	56	58	58	58

TOTAL NUMBER OF DBS1 172

PET FRED NH CS/R: 66.3

TABLE 74

PERCENTAGE FREQ DE CON CLOUDS (EIGHTHS)

7 1 2 3 4 4 6 7 8 JBSCD UBS 1.5 11.1 22.5 10.5 10.6 5.7 8.5 4.5 14.5 .4 199

REMEYOR 9ERIUD: (PRIMARY) 1915-1471 (CVER-ALL) 1856-1471 PARCENT PRED OF WIND DIRECTION US DOCURRENCE OF ANN-DOCURRENCE OF PRECIPITATION WITH VARYING VALUES OF VISIBILITY SE VSBY 4 000 000 000 FNS 000 :0 .0 ... ... ... 0000 0000 3300 <1/2 000 0000 0000 •9 PCP NO PCP TOT % .0 .0 PCP 5<10 NG PCP TOT % 3.3 4.6 2.3 3.1 .C .7 1.8 PCP .4 NP PCP 12.1 TPT % 17.5 .0 2.8 2.6

TUT 085 TUT PCT 17.0

		MIRCENT FRED OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY												
VSBY (MM)	SP3 KTS	n	HE	E	SE	\$	Sa	4	NH	7AR	CALM	PCT	TOTAL Qas	
	0-3	٠.	.0	• `	.0	.0	.0	.0	.0	٠.	.2	. 2		
€1/2	4-10	.2	.2	.0	.0	.0	.0	.0	.0	.0	_	.5		
	11-71	.0	.5	.ŏ	ò	, õ	. 0	.0	• 0	.0		.0		
	22+	.0	.0	•0	.0	.0	.0	.0	٠.	,υ		.0		
	TOT &	• 4	• 2	•0	٠.	.0	. ၁	.0	٠,	0	.2	.6		
	0-3	.0	٠٥	.0	• 0	.0	. 3	.5	• •	٠,٥	.0	.0		
1/2<1		• •	• 5	• ?	• ၁	.0	•0	• 0	•0	.0		•0		
	11-21	•0	•0	•0	•0	•0	. 2	٠,	•0	.0		.2		
	55+	.0	٠,	•0	•0	•0	.0	•0	.0	.0		.0		
	TOT \$	•0	•0	•0	•0	•0	.2	•0	.0	.0	•0	. 2		
	U-3	.0	• 3	• 2	.0	٠.	.0	.0	.0	.0	. 2	. 3		
1<2	4-10	. 0	• 1	• 1	. 3	ن٠	.0	• •	.,	. 0		٠,6		
	11-24		• •	• 0		.0	. 2	- 2	•0	•0		.3		
	22+	•0	.0	• 0	•0	.0	.0	• 0	.0	• 0	_	0		
	TOT %	.0	•1	• 2	.3	.0	.2	• 2	. 2	.0	.2	1.2		
	0-3	.0	•0	.0	• 3	.2	.0	.0	. 2	.0	. 8	1.1		
2 < 5	4-10	.3	• 0	•0	• 0	• 2	. 3	•1	. 2	•0		1.1		
	11-51	.0	.0	•0	•0	•0	.0	. 3	•0	•0		.0		
	22+	٠,	٠0	•0		.0	.0	•0	.0	.0		4.9		
	TOT %	.3	•0	•0	•0	.4	. 3	-1	.3	.0	. 5	2.1		
	0-3	٠١.	.5	.6	.0	.5	.2	. 5	. 1	.0	.9	3.3		
5<10		4.2	1.3	. 3	. 8	1.1	1.6	1.3	1.2	.c		9.7		
	11-21	.3	•1	• 1	•0	.2	.3	• •	.6	.0		1.9		
	22+	.0	0	•0	•0	. • 1	2		.0	.0		5		
	197 %	2.5	1.9	1.0	. 5	1.6	2.2	2.2	1.0	•0	. 9	15.3		
	0-3	1.7	2.5	. 9	1.2	1.6	2.4	4.1	2.9	. 5	11.5	27.3		
10+	4-10	9.2	6.4	2.2	2.5	3.2	1.1	7.3	8.8	.0		48,5		
	11-21		. 3	• 4	. 4	.3	.9	1.0	.4	.0		4,5		
	22+	.0	.0	.0	•0	.0	•	• 1	. ?	.0	_	3		
	TOT \$	11.7	.s	3,4	4.1	5.2	12.2	10.0	12.3	.5	11.5	30.6		
	TOT DAS							_					660	
	TOT PCT	14.7	11.4	4.6	5.3	7,4	15.0	13.1	14.6	.5	13.5	100.0		

#### --

PERIOD: (PRIMAR)	/) 1914-) (1) 1854-)							TARLE	10			4	EA GOOS	#EST SDR	INEO
				• € #	CENT 4				NE VEIC			>4/8) /	InD		
	HOHR (GMT)	009 149	140	370 594	5 )0 949	1000	3.000	1500 4979	5000 6+99	6507 7999	8070+	TOTAL	WH CS/8 ANY HGT	TOTAL DBS	
	10603	•0	.0	1.9	5.6	9.3	9.3	1.9	.0	.0	•0	27.5	72.2	54	
	90309	٠,	.0	2.1	6.3	5.3	6.3	.0	•9	•9	• 9	22.9	77.1	44	
	12615	٠.	.0	٠.	:4.3	14.3	4.8	2.4	.)	.0	•0	35.7	04.3	42	
	18121	۷.٥	.0	. 3	6.0	:4.0	4.0	4.7	.9	.0	2.0	34.0	66.7	50	
	171 PST	.5	ں د.	1.0	16	22 11.3	12 6,2	2.1		, n	.5	58 29.9	136 70•1	194	
			••		4.5		0,2		••	•	.,	.,,,	,011	****	

			1	salë i	1						Mout	12		
		PEPCE IT	FHEDLENC	~ /54Y	(N1)	54 47J2		CUMULAT					VSRY (NH)	
HDUR (S4T)	<1/2	1/2<1	142	2<5	5<10	10+	TOTAL JOS	#JUR (SMT)	<130 <50Y0	<600 <1	<1300 <b>&lt;5</b>	1000+ 4ND5+	NH 45/8 AND 5+	TOTAL DBS
23.2	.,	٠.	•^	.7	41.3	37.2	141	00803	۰,5	2.2	٠.9	24.4	66.7	45
35609	. 5	.5	7.4	1.6	10.4	84.5	193	96609	.0	2.2	a.9	15.6	75.6	45
12615	٠,	٠.	.•	3.1	25.4	70.8	130	12615	.0	.0	15,8	23.7	60.5	38
18621	1.0	. 3	1.0	3.3	15.8	78.9	209	18621	2,3	2.3	13.6	27.3	59.1	44
TOT PST	. 5	.:	1.2	15	102		673 100.0	777 PCT	1	3 1.7	20 11.6	39 22.7	113 65.7	172 100.0

				*	A#1# 13	,									FABL	E 14			
	De de	ENT F	aëvje.f	ry je p	E+ 47 1 VI	HUMI:	)!T B	Y TEMP	TOTAL	967		PER	CENT FR	ESUENCI	Y DF W	IND DIR	ECTION BY	TEMP	
ttab t	0-2	30-3	9 43-4	9 59-59	60-09	70-79	80-89	90-100		FREG	H	4 g	ε	\$5	5	5#	at 9	N VAR	CALM
90/94 85/89 80/84 75/79 TOTAL	:		9 . 9 .	0 .6 0 .0 0 .0 0 .0	1.1	3.3 23.4 25.4	47.2 47.4 4.4	6.1 6.7 23	51 149 149	.0 5.0 #2.8 11.7 103.0	.4 .0 14.7 2.2	10.4	4.6	2.5	.0 .6 4.3 1.3	1.3	.0 .3 1. 12.6 :2. 3.5 1.	.8 1.7	5.0
₽C₹	•	•	•	o .6	1.1	37,3	<b>5</b> 2.2	12.8			17.4	12.1	5.0	3.8	6.1	16.1	10,4 16.	.0 1.7	5,6
				TAR	LF 15										TABL	E 16			
	«EANS,	E CTRF#	ES AND	PERCEY	T1L=5	<b>3</b> F TE4	1065	F) BY	HDUR			PERC	ENT FRE	SIJENCY	OF RE	LATILE	YTIGIPUM	84 48UR	í
HOUR (SHT)	MAX	994	95%	53\$	5*	14	Als:	MFAN 1	DTAL DBS		430R (5#1)	0-29	30-59	10-69	70 <b>-7</b>	9 80-0	9 90-100	MEAN	TOTAL
20207	90 93 86	80 89	85 84	#2 #2 #2	71 78 78	75 75 76	74	81.6 82.4 81.3	200 345 191		E0300 90300 81351	0000	2.0	4.1 4.1	30. 44. 37.	9 42.	9 6.1	23 79 82	\$0 49 40
18221	83 93	84	83	91	79	75 76	75	91.1 61.0	315 1051		18621	•0	.0	•0	19.	6 64.	7 15.7	84 82	51 190

timustines.

PERIOD: (PRIMARY) 1915-1971 (DVER-4(1) 1856-1971

TABLE 17

AFEA OOON WEST BORNED .ON 107.4E

PCT FRED OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIP-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73 76	77 80	81 84	85 83	89 92	>92	TOT	W	#0 #06	
THP DIF	10		04	0.9	72			FOG	-00	
6	.c	.0	.0	.0	٠,	. 3	1	.0	.3	
š			. ŭ	ň	.0	.0				
	••		• • •				2			
•	. ၁	• 0	.3	. 5	. 3	•0	4	.0	1.2	
3	.0	• 0	٠٠	. 3		٠ċ	:	.0	. 3	
3 2	.0	. 3	4.0	1.8	٠.	٠,	25	. 0	6.1	
		.0	2.1		· (e)		Ĭ'n	.0	3.0	
ċ	••							••		
S	.0	. 9	12.5	. 9	• 0	• U	47	. 0	14.3	
-1	.0	.3	7.5	. 3		•0	26	• 0	7.9	
-2	. 0	2.4	23.4	. 6	٠.	•0	87	.0	26.4	
-2 -3	. 3	3.6	6.7	.0	٠٠		às		10.6	
-4	.0	8.5	8.0	. 0	. 0	.0	57	. 3	17.0	
-5	.3	5.2	3.0	.0	.0	.0	30	. 3	8.5	
-0	.0	. 9		.0	.0	.0	j	.0	. 9	
-7/-ô	.0	1.2	.0	• C	.0	•0	4	.0	1.2	
-9/-10	.0	.6	٠,	• 0	.0	•0	2	.0	. 6	
TOTAL	2		226		1			2	327	
	_	79		25	-	1	327	_	_	
907			68.7	A. 1	. 4	. 3	100-0	. A	4.00	

PERIOD: (DVER-ALL) 1963-1971

TABLE 18
PET FRED DE WIND SPEED (KTS) AND PIRECTION VERSUS SEA HEIGHTS (FT)

				22-33					4-10		22=33	34-47	48+	PCT
HST	;	4=10 .0	11-21		34-47	48+ .C	PC7 2.0	1=3	4010	11-21			0	4.6
<1	2.5		• C	• • •			9.5		3.7	•0	•0	•0		
1-2	• ?	9.5	•0	•0	• ?	.c		7.5	3.7	.4	٥.	۰۷	•0	7.0
3-4	ب د	2.8	•0	.0	• 6		2 • F	• ;	č	.;		•0	•5	•0
5-6	• 0	.0	•0	. ?	٠,3	• 0	٠٠.	• 5		٠,٠	•0	• 0	•0	.0
7	• 11	. 0	•0	.0	٥.	.с	•6	•¢	9.0	• 0	.0	• 0	.0	.0
8-9	•9	• 5	1.1	• 0	.0	• 0	1.1	2•	•0	• 0	.0	• 0	.0	•0
10-11	٠.٠	٠,	• 6	•0	.0	٠,	٠c	• 7	• 0	• 0	• 0	• 0	.0	•0
12	• ?	.0	•0	•0	• ?	٠.	• C	• 2	• 0	•0	٠.	• 0	•0	.0
13-16		.0	•0	.0	•n	.0	•0	• C	•0	.0	•0	• 0	•0	•0
179	. 0	.0	• (	.0	• • •	٥.,	•¢	•?	3.	• 0	•0	• 0	.0	•0
20-55	• 0	.0	•0	.0	٠¢	.0	٠Ü	•0	• 0	•0	•0	• 6	٠.	.0
23-25	•^	.0	•0	.0	• 0	.0	• 0	•0	• 0	.0	.0	•0	.0	.0
25-32	. 6	.0	•6	* C	• 7	.0	.c	•^	٥.	• 2	.0	• 0	•0	7.
33-40	. 5	.0	• *	. 6	• >	•0	.0	• 0	• 0	.0	• 0	• 0	.0	.0
41-48	٠.	•0	• 0	• 2	• *	.c	•c	•0	•0	• 0	.0	•0	.0	•0
49-00	٠.	.0	•0	.0	• 0	.0	.0	•0	. 0	.0	٠.	•0	.0	.0
61-70	. 5	٠,	•6	.0	• 2	•0	•C	• 0	.0	•0	•0	•0	.0	.0
71-86	• 2	.:	•6	.0	• *	.0	• 0	•0	.0	.0	.0	•0	.0	•0
87+	• 3	.0	•0	.0	.c	•0	•0	•0	. (	• 0	۰.	•0	.0	.0
TOT PET	2.1	12.3	1.1	.0	• 6	•0	16.2	7.4	3,9	.4	•0	•0	.0	11.6
ug?	:-3	4-10	11-21	E 22-33	34-47	48+	PCT	103	4-10	11-21	5€ 22•33	34-47	48+	PCT
ugt el	1-3	4=10	11-21	27-93			PCT 5.3			11-21	22-33			PCT
<1	1,1	4.2	.6	27-33	.0	.0	5.3	.3	.0	11-21	22-33	• •	.0	.0
<1 1-2	1.1	2.5	2.1	22-33 .6	.0	٥.	5.3	.3	1,8	.0	22-33	•0	.0	2.1
<1	1.1	4.2 2.5	2 · 1	27-93 .6 .0	900	.0	5.3 5.0 .0	.3 .0	1.8	.0	22-33	• •	.0	.0
<1 1-2 3-4 5-0	1.1	2.5	2.1 6.	27-93 .6 .0 .9	.000	.0 .0	5.3 6.0 .0	.9	1,8	• 0	22-33 .0 .0	•0	.0	2.1
<1 1=2 3=4	1.1	2.5	2.1 .6	27-93 .6 .0 .9	900	.0000	5.3 5.0 .0 .0	.9	1.8		22-33 .0 .0	•0	.0000	2.1
<1 1-2 3-4 5-6 7	1.1	2.5	2.1 6.	27-93 .6 .0 .9	00000	.0000	5.3 6.0 .0	• 3	1.8	• 0	22-33 .0 .0 .0	.00	.0000	2.1
<1 1-2 3-4 5-6 7 6-9 10-11	1.1	4.2 2.5 .0 .0	2.1 .6 .7	27-93	00000000	.0	5.3 6.0 .0 .0 .0	•0 •0 •0 •0	1.8 0.0 0.0		22-33	.00000	.000000	2.1
<1 1-2 3-4 5-0 7 6-9 10-11	1.1	2.5	2.1 .0 .0 .0 .0	27-93	0000000	.0000	5.3 5.0 .0 .0		1.8 .0 .0 .0	.5	22-33	•0	.0000	2.1
<1 1-2 3-4 5-0 7 6-9 10-11 12 ,3+16	1.1	2.500000000	**************************************	27-93	300000000000000000000000000000000000000	.00000000000000000000000000000000000000	5,3 5,0 ,0 ,0 ,0 ,0 ,0	30000000000	1.8		22-33	•0	00000000	2.1
<1 1-2 3-4 5-0 7 6-9 10-11 12 ,3-10 17-19	1.1	2.5	2·1 ·6 ·7 ·6 ·6 ·6 ·6 ·6 ·6	27-93 .6 .0 .7 .7 .0 .0	000000000		5,3 5,0 .0 .0 .0 .0		1.0000000000000000000000000000000000000		22-33	•0	00000000	2.1
<1 1-2 3-4 5-0 7 6-9 10-11 12 ,3+16	1.1	2.500000000	*1 *6 *7 *6 *9 *0 *0	22-93	900000000000000000000000000000000000000		5,3 5,0 ,0 ,0 ,0 ,0 ,0	300000000000	1.8		22-33	000000000000000000000000000000000000000	000000000000000000000000000000000000000	2.1
21 1=2 3=4 5=0 7 6=9 10=11 12 .3 ×10 17=19 27=22 23=25	1.1	2.5000000000000000000000000000000000000	*1 *6 * C * C * C * C * C * C * C * C * C	22-93	0000000000000	000000000000000000000000000000000000000	5,3 540 40 40 40 40 40 40	3,000,000	1.0000000000000000000000000000000000000		22-33	.0	00000000000000	2.00000000000
<pre>&lt;1 1-2 3-4 5-0 7 6-9 10-11 12 .3+16 .7+16 .7+16 .7+17 .7+19 .7+22</pre>	1.4 4 4 4 5 1 5 8 5 5 8 7	**************************************	*1 6 C C C C C C C C C C C C C C C C C C	27-93	000000000000000000000000000000000000000	000000000000000000000000000000000000000	5,3 6,0 .0 .0 .0 .0 .0	9,0000000000000000000000000000000000000	1.0000000000000000000000000000000000000	0.0000000000000000000000000000000000000	22-33	.00000000000000000000000000000000000000	000000000000000000000000000000000000000	2.0000000000000000000000000000000000000
1 1=2 3=4 5=0 7 6=9 10=11 12 .3*16 17=19 27=22 23=25 20=32 33=40	1.14 ~ *** *** *** *** *** *** *** *** ***	**************************************	2	22-93		000000000000000000000000000000000000000	5.3		1.8000000000000000000000000000000000000	0	22-33	.0	0000000000000000	2.1000000000000000000000000000000000000
1 1=2 3=4 5=0 7 8=9 1U=11 12 ,3 ×10 17=19 22=2 23=25 2C=32 33=40 41==8	1.1	**************************************	**************************************	22-93 .6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	5,3		1.0000000000000000000000000000000000000	0.0000000000000000000000000000000000000	22-33		000000000000000000000000000000000000000	2.0000000000000000000000000000000000000
11-2 3-4 5-0 7 6-9 10-11 12 ,3-16 17-19 20-22 23-25 20-32 33-40 41-48 49-60	1.4 2 20 20 20 20 20 20 20 20 20 20 20 20 2	**************************************	2	22-93		000000000000000000000000000000000000000	5,3 6,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,0 ,		1.8	0	22-33	.00000000000000000000000000000000000000	000000000000000000000000000000000000000	2
11-2 1-2 5-0 7 6-9 10-11 12 3-10 17-19 23-22 23-25 20-36 60-60 60-70	1.14 % 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	**************************************	**************************************	27-93 .6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		000000000000000000000000000000000000000	5,3		1.8		22-33 .0 .0 .0 .0 .0 .0 .0 .0 .0		000000000000000000000000000000000000000	2
11-2 3-4 5-0 6-9 10-11 12-19 27-22 20-22 33-40 6-7 1-26	1.4	**************************************	**************************************	27-93 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	occopeent contractions	000000000000000000000000000000000000000	5,3 6,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0	000000000000000000000000000000000000000	1.8		22-33 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		000000000000000000000000000000000000000	2.1 .00 .00 .00 .00 .00 .00 .00 .00 .00
11-2 1-2 5-0 7 6-9 10-11 12 3-10 17-19 23-22 23-25 20-36 60-60 60-70	1.14 % 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	**************************************	**************************************	27-93 .6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		000000000000000000000000000000000000000	5,3		1.8		22-33 .0 .0 .0 .0 .0 .0 .0 .0 .0		000000000000000000000000000000000000000	2

									NOVEMBE®							
PER1301	(UVE)	R-4LL)	1443-1	971				TABLE	16 (7097)				AREA		#EST RD	
				pe	T FRED	OF HIVD	SPEED	(KTS)	AND DIFEC	rijv.	VERSUS	SFA HEIG	HTS (FT	,		
_				5								Sw				
HST.	1-3	4-10	11-21	27-13	34-47	48+	767		1-3	4-17			34-47	48+		
<1.	٠.	?	•6	• 0	• ?	•0	• t,		•0	1.6			•0	.0		
1-2	٠,	1.1	.0	.0	• 2	•0	101		•0	4.0			• 5	٠٠		
3-4	.0	1.4	.•0	0	• •	٠.	1.4		• 0	• 0			•0	.0		
5-6 7	•0	.0	1.1	• 2	.,	• 5	1.1		•?	• 4		•0	• 3	.0		
8-9	.3	.0	•0	•5		• 3	•0		in	• 0			•0	. 2		
10-11		.0	•0	.0	•	• 0	• 0		• 2	• 0			•0	•0		
12		.0	0.	.,,		• 6	• 0		:3	•0			•0	• • • •		
13-16			.0	.0		• ti	•0						• 5	• 0		
17-19	.;;			417	• •	.0	• 0		• 2			.0	.0	٥.		
20-22			9.0	.0	. 5	.0	•0		,,							
23-25	. 0	.0	.0	.0		.0	٥.						د.	:0		
26-32									-				•0	:5		
33-40	.0		.0	.0		:0							•5	.5		
41-48	ij	.0	ň	.,									Ď			
49-60		.0	0		. 0		.0		. 0				. 5	.5		
61-70	.5	.0	9.	.0		. 5	.0						• • • •	.0		
71-86	.0	.0	.0	.0	٠.	.0	.0		. 0				. 0	.0		
87+	•	.õ	.0	.0	٠		ŏ		'n	. 0	. c		.0			
TOT PCT	•0	2.5	1.1	•0	.0	.0	3.5		•0	3,9			•0	.0		
				u								NK.				TOTAL
HGT	1-3	4-10	11-21	22~33	34-47	484	PCT		1-7	4-10	11-21		34-47	48+	PCT	PCT
~i	1.4	2.5	.0		.6		3.9		1.4				.0	7.0		
1-2	. 0	10.2	.0	.,	.0	.0	10.2		2.4	6.6			.5	.5		
3-4	ă	1.1		1.4		: ``	2.5			1.0			• 0	.ŏ		
5-0		1.1	1.1	.0	.0	٠.	2.1		٠,	1.4			•0	.0		
7			.0	1.1		.0	1.1			.0			, n	. 5		
8-9	.0	.0	.0	-0	.0	• 0	. C		'n	.0			. 0	.c		
10-11		.0	•0	.0	• 17	٠.	.0		C	. 2			. 5	.0		
12	. C	.0	•0	.0	.0	.5	.0			• 0	0		• 0	.0		
13-16	.c	.0	•0	.0	٦.	.0	.0		• ^	. 0		.0	•0	.0	.0	
17-19	.0	.0	•0	.0	٠.	•0	. 0		• 9	.0			•0	.0	.0	
20-22	• C	.0	•0	.0	۰,	•0	.0		•0	.0	• •	.0	•0	.0		
23-25	•0	.0	•0	.0	.0	• 0	• 0		۰0	• 0		.0	• C	. 3		
26-32	٠.	.0	•0	.0	.:	•0	• 0		• 0	• (		0	• 0	.0		
33-40	.0	.0	•0	.0	.5	.c	•0		•^	. (			• 6	.0		
41-48	.0	.0	•0	• 0	٠.	• C	• C		• 0	• 0	, ,,	.0	•0	.0		
49-00	٠,	.0	•0	.0	•0	• 0	.0		ψÜ	• (		0	• 0	.0		
61-70	, C	.0	•^	• ?	• າ	.0	•0		•^	• (			•0	.0		
71-86	.0	.0	•0	• 0	• (	٠.	• C		•0	• 0			• (	.0		
67+	. 2	.0	•0	. 0		.c		,	in				•c	.0		_
TOT POT	1,4	14.8	1.1	2.5	• "	ن.	19.7	-	4.7	12.0	1.5	0	•0	٠.	18.0	91.5

	#1ND	SPEED	(×T5)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PET	TOT
<1	23.0	2.1	.0	•	.0	. 2	31.1	285
1-2	6.8	37.6	4.1	'n	.0	.0	48.0	
3-4	.0	6.8	2.7	1.4	. 5	. 5	10.8	
5-6	.0	2.7	4.1		. 5	. 5	5.8	
7	.5		. C	1.4	. 6	.5	1.4	
8-9	.0	.0	1.4		. 0	.0	1.4	
10-11	.0	.0		. 5	. 5	.0	.5	
12		•0	.0	ŏ	.0	.0		
13-16	,ŏ	, č	,c	ž	.0	.5	.0	
17-19		• 0		. 0	.5	.5	.5	
20-22	.0	•0	.c	Š	.0		č	
23-25	Š	.5			.5	. 5	ŏ	
26-32		•¢		.0	.0		.0	
33-40		ě	.č	ň	ŏ		:0	
41-48		. 5			.5	.š	.ŏ	
49-6C	ċ	.5			.0	ň	.0	
61-70	.0	š		.0	.0	.0		
71-84							•0	
87+	• 0	•0	• 0	• ?	•0	•0	.0	
# / •	٠.	• 0	.0	.0	٠.	.0	.0	
TOT POT	29.7	55.4	:2.2	2.7	.5	.9	100.0	74

PERIO	D1 (OV	ER-ALL	.) 194	9-197	1				TAB' E	19											
					PERCENT	FRE	QUENCY OF	KA	E HEIS	HT (F	T) V5 1	AVE PI	ERIJD	SECON	) S 3						
PERITO (SEC)	<1	1-2	3-4	5-6	7	8-7	10-11	12	13-16	17-10	50-55	23-25	26-32	33-40	41-45	49-60	61-70	71-66	87+	TOTAL	MFAN HGT
<6_	10.2		17.3	3.9	٠,٥	. 8	.8	.0	.0	٠.	:0	.0	.0	•0	.0	.0	.0	.0	.0	86	2
6-7	٠٥.	1.6	2.4	3.9	.0	.0	.0	٠.0	.0	.0	:0	.0	.0	٠.	.0	.0	.0	.0	٠.	10	4
8-7	•0	. 3	3.9	.0	.0	. 1	• • •	. ၁	•¢		• )	.0	.0	٠.	.0	.0	.0	.0	۰.	6	4
10-11	•0			.0	.0	.0	-0	٠.0	.0	٠.	ن	.0	٠.	.0	.0	.0	.0	.0	.0	2	3
12-13	.0	.0	.0	.0	.0	.0	.5	. 0	٠.	. 5	; ၁	.0	٠.		.0	.0	.0	.0	.0	C	
>13	• 0	.0	.0	٠,٥	.0	.0	•0	.0	٠.	٠.	.0	.0	.0	.0	.0	٠.	.0	٠.	.0	5	
INDET	16.5	1.6	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	•0	. 5	.0	.0	. 0	23	0
TOTAL	34	49	31	10	0	2	1	٥	C	0	υ	0	0	٥	0	٥	٥	٥	0	127	,
844	24 9	38 4	44 4	7 0												i.				100 -	-

PERIOD: (PPIPARY) 1913-1972 (UVER-ALL) 1856-1972

6. 12

TABLE 1

AFEA 0008 WEST BORNED .ON 107.4E

() J

BLBIENT	COECHENCY	65	MEATHER	UCCURRENCE	RV	MINS	DIRECTION

			•	RECIPI	CLTAT	N TYPE					SHITC	PEATHER	PHEND	MENA	
WND BIR	RAIN	PAIN Shwr	PR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG NO PCPN	FOG WO PCPN PAST HR	SMOKE	SPRAY RLWG DUST BLWG SNOW	
N NE E Se	4.5 9.6 3.2 .0	1.6	1.4 .3 .0 .0	.0	.0.0.0	.0	.0	7.4 :1.2 3.2 .0	2.7 5.1 .0 .0	.0 .0 .0	.0 6.3 .0	.0	•0 •0 •0	.0 .0 .0	89.9 83.7 90.5 100.0 100.0
SH N N VAR	5.0 2.9 3.0	10.0	.0	.0	.00.0	.0	.c .c	15.0 6.6 3.0	.0 3.6	10.0 5.7 .0	.0	.0 .0 .0	•0	0	75.0 85.7 93.4
TOT PCT TOT DBS:	.0 5.2 307	2.0	.0 .7	.0	.0	.0	.0	7.8	3.3	.0	.3	.5	•0	•0	77.8 87.9

TAPLE 2

#### PERCENT PREQUENCY OF REATHER OCCURRENCE BY HOUR

			•	RECIPI	CITAT	N TYPE					THER	WEATHER	PHEND	HENA	
HOUR (GMT)	RAIN	PAIN SHWR	5876	FP7G PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT CS TIME	PCPN PAST HOUR	THDR LTYG	FDG '2 PCPN	FJG WD PCPY PAST HR		SPRAY BLWG DUST BLWG SNOW	
00603 06609 12615 18621	5.5 3.7 5.1 5.5	2.6 2.5 1.3 1.4	1.3	.0	.0 .0	.0	.000	10.4 7.4 6.5 6.8	2.6 2.5 5.1 2.7	.0 1.3 1.4	1.3 .0 .9	.0	•0	•0	85.7 90.1 87.2 89.0
TUT PCT	5.2 309	1.9	.6	.0	.0	.0	.0	7.8	3.2	.6	.3	•0	•0	•0	88.0

TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

NND DIR	0-3		11-21		34-47	48+	TJTAL DBS	PCT FREQ	MEAN G92	90	23	20	거기기역 09	(GMT) 12	15	18	21
									3. 0								
n	1.1	17.2	10.8	.7	•0	. 0		29.9	10.3	25.0	40.7	25.6	32.4		47.5		33.5
NE	1.3	9.5	9.5	.6	•0	•0		17.0	9.8	18.4	28.3	20.1	13.8	13.1	33.8	13.0	14.9
£	.7	1.9	. 6	.0	.0	.0		3.2	6.6	5.5	7.9	4.0	2.9	2.5	2.5	.9	2.4
SE	.3	1.1	. 2	.0	.0	.0		1.7	6.6	1.9	2.6	2.6	.7	1.9	1.3	.9	1.6
S	. 5	1.9	. 1	.0	.0	.0		2.8	6.4	2.3	2.6	2.8	2.6	3.5	.0	2.9	3.7
Š«	. 9	5.3			.0	.0		7.1	7.2	7.4	• 5	6.1	5.9	7.9	.0	9.8	8.8
'n	1.1	6.7	1.9	.3	.0	.0		9.9	8.1	7.9	2.6	11.0	15.4	10.0	5.0	12.1	6.4
Ñn	. 6	14.2	4.8	. 6	.0	•0		20.3	9.1	22.6	9.2	18.9	23.3	21.8	10.0	21.8	19.2
VAR	.0		.0	ä	.0	.0		. 0	.0	• 0	• 5		.0	.0	.0	.0	
CALW	8.2				-			8.2	.0	9.0	•0	7.7	2.9	12.0	•0	11.7	9.1
TOT CAS	150	610	263	23	0	٥	1056		8.4	155	38	194	136	158	40	171	164
TOT PCT	15.2	57.8	24.9	2.2	.0	• 6		100.0							100.0		

TAPLE 34

WND DIR	C-6	WIND 7-16	SPEED 17-27	(KNUTS) 28-40	41+	TOTAL OBS	PCT FRFG	MEAN SPC	00 03	H0UH 00 09	(GMT) 12 15	18 21
/ HE S	7.1 5.1 1.9 1.1 1.7 3.8 5.2 7.1	18.3 10.2 1.2 .5 1.1 3.0 3.8 11.7	4.4 1.6 .1 .0 .3 .8	.0 .0 .0 .0	000000000		29.8 17.0 3.2 1.7 2.8 7.1 9.9 20.3	10.3 9.8 6.6 6.6 6.4 7.2 8.1 9.1	29.3 20.3 6.0 2.1 2.3 6.0 0.9	29.1 17.5 3.6 1.8 2.7 6.0 12.6 20.8	31.3 17.3 2.5 1.8 2.8 6.3 9.0	29.9 14.3 1.0 1.3 3.3 9.3 9.3
VAR CALM INT DRS TOT PCT	.0 8.2 437 41.4	.0 526 49.8	,0 87 8,2	••	.0 .0	1056	100.0	.0 8.4	7.3 193 100.0	5.8 330 100.0	.0 9.6 198 100.0	10.4 335 100.0

							i	DECFMBER						
PE#1301	(PRIMARY)	1913-197 1455-197						TARLE 4				AREA GG	r#	BORNED 107.4E
				•E#	CHISTAGE	FKEQUI	HNCY UF	414D 50	EEU WY	ниря	(GPT)			
		HQ1-A	CALM	1-3	4-10			(KN9T5) 34-47	48+	MEAY	PCT FREQ	TRTAL TRS		
		00603 06607 12615 18621 TOT PCT	7.3 5.8 9.5 10.4 87 8.2	9.8 6.7 5.6 6.3 73	59.6 57.0 55.1 59.1 610 57.8	21.8 25.5 27.8 21.2 263 24.9	1.6 1.8 2.0 3.0 23	.0	.0	8.7	100.0 100.0 100.0 100.0	193 330 192 335 1056		

			τ.	APLE 5								7/	ABLE 6					
P	CT FRE			CLOUD A		FIGHTHS)		1					CEILIN NH <5/					
MAD DIS	U-2	3-4	5-7	5 E	TETAL CBS	chang caves	000 149	150 299	300 199	400 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 79 <b>9</b> 9	9000+	NH <5/8 ANY HGT	TOTAL OBS
PE SS No No No No No No No No No No No No No	7.1	5.7 3.0 00 00 00 1.3 1.4	16.6 10.2 2.0 .0 .0 1.4 2.1 9.1	7.7		5.4 6.5 5.2 8.0 7.5 5.8 6.7	•7 •0 •0 •0 •0 •0 •0	000000000000000000000000000000000000000	N900000000	3.2 3.8 .0 .0 .0 .7 .0 3.0	3.9 4.1 .5 .0 .7 .7 1.3	2.1 .0 .0 .7 .0 1.4 2.1	2.7	.00.00.00.00.00.00	000000000000000000000000000000000000000	000000000000000000000000000000000000000	25." 12.1 3.2 .7 .0 3.6 2.5 12.7	
TOT LAS	10.7	12.1	43.5	47	140 140.0	6.0	.7	•	1.4	10,7	17	7.1	>,4	• 6	•0	.7	69 03.6	140

TABLE 7

CUMULATIVE PCT FREW UF SIMULTANEOUS DCCURRENCE OF CEILING HEIGHT (NH 34/8) AND VSBY (NH)

				V587 (NH	1)			
CELLING	→ つR	<ul> <li>OR</li> </ul>	<ul><li>DR</li></ul>	• "R	• SR	# DR	■ 38	<ul><li>38</li></ul>
(FEFT)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
= FR >6500	.0	.7	.7	.7	.7	.7	.7	.7
■ DR >5000	.0	. 7	:7	:7	.7	. 7	.7	. 7
• 08 ≥3500	.7	2.5	2.8	2.8	2.5	2.8	2.8	2.8
■ EIR >2000	5.7	9.9	9.9	9.0	9.9	9.9	9.9	9.9
<ul> <li>nR &gt;1000</li> </ul>	12.8	20.6	22.0	22.0	22.0	22.0	22.0	22.0
■ DR >690	19.1	29.1	31.9	32.6	32.6	32.6	32.6	32.6
• PR >300	19.1	29.8	32.6	34.0	34.0	34.0	34.0	34.0
● OR >150	19.1	30.5	33.3	34.8	34.8	34.6	34.8	34.5
• 04 > 0	19.1	30.5	34.0	35.5	35.5	35.5	35.5	35.5
TOTAL	27	43	48	50	50	50	50	50

TOTAL NUMBER OF OBSI 141 PET FREG NH <5/81 64.5

YABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

1.3 5.6 21.2 17.9 16.0 10.3 7.7 7.1 12.2 .6 15b

							G#C	EMPER						
PERIJO: (PRIMARY) 1 (DVER-ALL) 1	913-1972 856-1972						TA	8LF 8				AR	É4 OG34	WEST BORNED
			PFRCENT	FRED PREC	AIP 4D	SAIG CI	CTISH Th VAR	A1 40	EURRENC Values	E DR S	18161	CURREN( TY	E OF	
VSBY		٠.	٧£	:	\$€	5	54	H	44	VAR	CALM	PCT	TOTAL	
<1/2	PCP NO PCP TOT %	.0	•1 •0	.0	.0 .0	•0	0.0	.0		.0	.0	.0	0#5	
1/241	PCP NO PCP	:ĉ	•0	.0	.6	•0	•0	.0	•0	.0	.0 .0	•-		
1<2	PCP		۰۰.	•0	•0 •0	••	*0	•0	•0	.0	.0	1.0		
	YO PCP	.0	.n .8	.0	•0	•0	•0	,3	•0	.0	.0	1,3		
2<5	PCP NG PCP TOT 2	1.1	1.1	•0	.0	.3	•0	.0	•0	.0 .0	.3	1.0 2.0 2.9		
5<17	PCP No PCP TOT \$	1.2 11.5 12.7	5.h 6.1	•2 •5 •7	.0 .5	•0	•0 •= •5	1.1 1.1	.3 2.9 3.2	.0	. 3 . 7	2.6 22,9 25,5		
10+	PCP ND PCP TOT %	26.3 27.7	16.7 17.2	4.5 4.5	.0 .5	•0 •7 •7	2+3 2+8	3.8 4.2	10.4 10.5	•0	2.0	2.9 67.0		
	DT MSS	41.7	25.0	5.1	1.0	1.0	3.1	5.7	13.6	.0		100.0	306	

TABLE 9

				PERCE	NT FREG WITH N	2 OF HI MARYING	IND DIA	ECTIO	N VS WI	ND SPI	ED		
VSBY (NH)	SPD KT <b>S</b>	N	NE	E	SE	5	Sn	×	NW	VAR	CALM	PCT	TOTAL
	0-3	.0	.0	.0	•0	.0	.0	.0	.0		_		OBS
<1/2	4-10	٠.	.0	.0	.0					••	.0		
	11-21	.0	.ŏ			.0		:ŏ		•6		.0	
	22+	.0		.0	.0	.0	. 5	.0		.0		.0	
	TOT S	.0		.0	.0			.0		.0		.2	
				• •	•••	•••	••	•••	•0	.0	.0	.2	
	0-3	.0	•0	.0	.0	.0	. 0	.0	.0	.0	.0	.0	
1/2<1		.0	.0	• C	.0	.0	.0		.0	.0			
	11-21	.0		.0		ii	.ĭ		ີ້	:0		:2	
	22+	.0	.0	.0	•0	.ŏ		.0	. 0	.0			
	101 \$		.0	.0	.0	.1	.1		ě	.5		.0	
					• •	• • •	••	• • •	• •	• 5	.0	.2	
	0-3	.0	•0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	- 1	.1	.0	.0	.0	.0		.0	.0	••	.3	
	11-21		. 3	. 0	.0	.0	3.	.5		٥٠			
	22+	.0	. 2	• 0	.0	.0		.0	.ŏ	.6		٠,3	
	TOT %	.1	. 3	.0	•0		, ñ	ž	'n		_	.2	
				•-	•••	••	•	••	• • •	••	•0	, a	
	0-3	.0	.2	•0	•0	.2	.0	.0	.0	.0	.3	.6	
215	4-10	- 2	.5	• 1	• 1	.1	.1	-1	.3		•••	1.4	
	11-21	. 6	. 3	• 2	• (1	. 0	.0	.0	.0			1.7	
	55+	. 2	.3	• 0	•0	.0		. 6	. 0	٥٠		.;	
	TOT %	1.0	1.2	.2	• 1	. 2	•1	. i	.3	, o	.3	3.6	
									• • •	,-	••	3.0	
	C-3	.2	.4	. 2	•2	.0	2.	.0	. 2	.0	. 9	7.0	
3<10	4-10	2.9	. 9	.1	-1	.2	.7	. 7	1.4	Ü	••	7.2	
	11-21	3.4	1.8	• 1	•0	.1	. 2	. 2	. 4	ŭ		6.2	
	22+		.2	•0	•0	.0	. 0	. 2		.ŏ		٠.5	
	TOT \$	6.7	3.3	. 3	• 2		. 9	1.2	2.0	.5		15.8	
	_				-			•	•••	••	•••		
	2-3	.6	1.4	.9	• 2	.5	. 3		. 2	. c	7.2	11.9	
10+	4-10	17.7	9.2	1.7	.6	. 9	2.5	3.0	11.2	ũ	***	40.0	
	11-21	9.1	4.2	.6	• 1	.1	.5	. 6	3.2	ö		10.4	
	22+	. 3	.2	.0	•0	.0	.0	.0		:0			
	TOT %	27.8	14.9	3.2	. 9	1.6	3.6	5.9	14.5		7.2	79.6	
									J . • •	••	,		
	TOT URS												641
•	TOT PCT	35.0	20.2	3.8	1.2	2.2	4.6	7.3	16.8		4.3	100.0	C41
										**	4.3	1-410	

PERIOD: (PRIMARY) 1913-1972		AREA 0008	WEST	SORNES
(OvER-411) 1854-1972	TABLE 10		. 6N	107.4

PERCENT FREQUENCY OF CRICING HEIGHTS (FEFT)NH 34/8) A10 OCCURRENCE OF NH 37/8 BY HOUR

						• • • • • • • •				90.,			
499R (GMT)	000 149	150 299	300 399						5500 7999		TOTAL	44 45/A	
00603	.0	.0	5.4	10.5	15.2	5.4	2.7	•0	. າ	• ^	40.5	59.5	37
90360	.0	2.3	٠.	9.1	6.6	6.8	4.5	.9	•9	2.3	31.8	58.2	44
12615	.0	. 5	.0	:3.9	16.7	5.3	2.5	• 2	٠,	• 2	41.7	58.3	36
18621	3.2	.0	.0	6.5	6.5	6.5		.0	.0	•0	22.6	77.4	31
TOT PCT	.7	.7	2 1.4	15	17 11.5	10	2.7	0	.0	. 7	51 34.5	97 65.5	148

TABLE 11 TABLE 12 CUMULATIVE POT FREQ OF RANGES JE VSEY (NM) AND/OR CEILING HGT (FEFTANH >4/8)/BY HOUR PERCENT PREDUENCY VSBY (NH) BY HOUR 10+ TLTAL 285 MOUR <150 <600 <1000 1000+ NH <5/8 (GMT) <50YD <1 <5 AND5+ AND 5+ <1/2 1/2¢1 2<5 5<10 00603 3.7 9.6 84.4 00803 5.4 18.9 18621 3.7 18821 .C 5.0 18.1 . 5 .0 74.1 TOT PET

TABLE 13

PERCENT FREQUENCY OF PELATIVE HUMIDITY BY TEMP
TOTAL PET

TABLE 15

TABLE 15

TABLE 16

TEANS, EXTREMES AND PERCENTILES GF TEMP (DEG F) BY HOUR

PERCENT FREQUENCY OF RELATIVE HUMIDITY 8Y HOUR

HOUR MAX 99% 95% 50% 5% 1% MIN HEAN TOTAL DIS (GMT)

0003 92 88 85 81 77 75 75 80.9 191 00003 .0 .0 .0 .0 19.4 54.8 25.8 85 31 06009 94 99 86 82 77 75 73 81.7 332 00009 .0 2.2 4.3 41.7 32.6 19.6 51 46 12615 88 84 83 51 77 75 73 81.7 332 00009 .0 2.2 4.3 41.7 32.6 19.6 51 46 12615 88 84 83 51 77 75 73 80.5 195 12615 .0 .0 .0 .0 28.0 71.4 .0 82 35 12621 87 88 88 83 01 76 73 73 50.2 322 1991 .0 .0 .0 .0 14.3 71.4 14.3 84 28 1261 87 88 88 88 81 77 75 74 73 80.9 1050 TOT 0 1 2 39 77 21 83 140

PERIOD: (PRIMARY) 1913-1972 (OVER-ALL) 1856-1972

TABLE 17

AREA 0008 HEST BORNED . ON 107.4E

*** **** ***					• • • •						.ON 107,
PCT FRED OF AIR	TEMPERA'	TURE S AIR	-SEA	F) AND	THE ATURE	DIF	RENCE ERENCE	OF FOC ()	טפאדני	T PRECI	CHOITATIONS
	AIR-SEA TMP DIF	73 76			85 88	89 92	>92	101	FNG	₩G FDG	
	11/13	.0			• C	.3	.0	1	.0	. 3	
	6	.0	.0		.0	.3	.0	2 2	.0	•7	
	3	•0	• • •	ě.	1.7		Ü	9	.0	1.0 2.1 1.0	
	i	•0	1.0	3.8	1.0	.0	.0	25 14	.0	8.7 5.2	
	-1 -2	.3 .0	1.7		.0	.0	.0	49	٥.	17.0	
	-3 -4	1.4	3.8	2.1	.n	.0 .0	.0	79 17	.0	27.3	
	-> -b	.7	3.5	.3	Š	.,	.0	37 13 5	.0	4.5	
	-7/-6 -9/-10	.0	.0	0.0	.0	.0	.0	3	.0	1.7	
	TOTAL PST	10	100	162	15	1	1	289	1	246	
		203	34.0	20.7	5.2	. 3	. 3	100.0	2	00 9	

PERIODI (OVER-ALL) 1963-1972

TABLE 18

								TABLE	14							
				•	T FREG	OF WIND	SPEED	EKTS) AND	DIAE	erian (	VERSUS :	SEm HEI	CHTS (FT	,		
HGT	1-3	4-10	11-21	22-33	34-4/	48.	PÉT					٧E				
<1	. 0	1.8	.0	• • • •	.0	0	1.8		1-3	4-:0	11-2;	22-33	34-47	48+	PCT	
1-2	.0	16.6	, 9	.0	.0	.0	17.5		, 3	. 6	.0	.0	• 5	.0	9	
3-4	. 3	4.2	11.1	.0		.6	15.4		1.2	4.6	.0	.0	• 0	.o	6.0	
5-6	.0	.0	1.2	1,2	, ó		2.4		•?	5.2	5.4	.0	• 5	ŏ	10.5	
7	• 0	.0	.0	.5	.ő				•0	• 0	2.4	1.2	• 0		3.6	
8-7	. 3	. 5	• 2	.0	٠	.0	.0		•0	• 0	•0	•0	•0	Š		
10-11	٠.	.0	.0		.0	.0	.0		.0	.0	.0	.0	•0	.0	.0	
12	٠.٥	.0	.0	.0	.0	.0			• 0	• 3	.0	.0	•0		.0	
13-16		.0	.0	.0	. 0		.0		.0	• 0	.0	.0	•0	.0	.0	
17-19		.0	. 0	ž		.0	.0		• ?	• 0	.0	.0	• 0	.0	.0	
20-22	.0	.0	.^	.0	ě	.0	.0		• ^	• 0	• 0	.0	• 0		.0	
23-25	.0	.0	.0	• 0	.0	.0	3.		•0	• 0	.0	.0	• 0	.5	.0	
26-32	.0	. 2	.0			.0	.0		• 0	•0	•0	.0	•0	Š	.0	
33-40	•0	.0	.0		:0	.0	:0		• 0	10	•0	.0	•0	.0		
41-48	.0	.0	.0	•0	.0	.0			• 7	• 0	-0	.0	•0		. 5	
49-60	.0	.0	.0	.0	.0	:0	.0		•0	• 0	.0	.0	•0	.0	٥٠	
61-70	. 0	.0	.0	.0	.0	.0	•0		• 0	• 0	• 0	.0	•0	ŏ	.0	
71-60	• •	.0	ā	.0	.,	.5	.0		•0	• 0	•0	٠.	• 0	Ü		
87+	.0	.0	.0	•0			.0		•0	•0	.0	.0	• 0	.0	, 0	
TOT PCT	.0	22.0	13.7	1.2	.0	:ŏ	37.0		• 2	0	•0	.0	• 0	.5		
					••	••	37,00		1.5	10.5	7.8	1.2	•0	.0	21.1	
HGT	1-3	··=10	11-21	£ 22-33								18				
41	9	1.2			34-47	48+	262		1-1	4-13	11-21	22-33	34-47	48+		
1-2	. ó	.,	1.2	.0	. 2	٠,	5.1		• 0	• 0	•0		.0		PCT	
3-4	.5		.0	•0	•0	•0	5.1		•0	.0	.0		•0	•0	•0	
5+6	.č	.ŏ	.0	.0	•0	•0	.0		• 0	.0	.0	.0	•0	٠.	٥٠	
7	.0		ŏ	.0	.n .n	•0	•0		•0	.0	.5		•0	.0	•0	
8-9	'n	.0	.0	.5	.0	•0	•0		. 7	• 0			• 0	.0	•0	
10-11	.0	.0	.0	.ŏ		•0	,0		•0	٠,	• 0	.0	•0	.0	.0	
12	. 0		.c	.0		• 5	•0		٨	an.	.0	.0	•0		•0	
13-16	. 0	.0	•0	.5	.5	•0	'n		.0		.0	·U	• 0	.0	.0	
17-19	. 0	.0	.0		.0	•0	• 5		.0	•0	• 0		•0	.0	,6	
20-22	. 0	.0	• 0	.0	ě		•0		•0	4.3	• 0	.5	• 5	ě		
23-25	.0	.0	č		.5	.0	•0		•0	40	•0	.0	•0	.0	.0	
26-32	. 0	.0	.0	ě	. 5		• ?		• •	. 13	. າ	.0	•0		.6	
33-40	. 3	.õ	.0	;š	, c	• 0	•0		.9	.0	• 0	.0	ě	ě	ň	
41-48	. C	.0		.0	.0	•0	•6		•0	•0	• 0	.0	•0	.0	.0	
49-40	.0	.0		.0	.0		•0		•0	.0	.0		• 0	.0	.0	
61-70	.0	.0	.0	.0	.0	•0	•0		•6	•0	.0	.0	20		,0	
71-86		.0	.0	ŏ	.0	•0	•0		• ?	• 3	• 2	.0	• 2	.0	.6	
67+	.0	.0	ň		•0	•0	٠.٥		•0	.3	.0	.0	. 6	:5	.0	
דסל דמי	. 9	2.1	1.2	:0		•0	.0		•0	.0	.0	.0	•0	.0	.0	
-		-/-	- • •	••		•0	4.2		• C	• 0	. ^	.0	• 0	.0	.0	

PER[30:	(2) 61		1843.1					DEC	FHREE				1251			
ASK IDD.	(275)		14034	417				TABLE 1	) (CUMT	<b>)</b>			-KEA		HEST BD bn 107	
				PC	T RAES D	F HIND	SPEFU	(XTS) A	-	ETION 1	ERSUS S	FA HFEG	HT5 (FT)			
HGT	1-3	4=10	11-21	5 22-13	14047	48+	PCT		1-7	4=10	11-21	72-13	34-47	48+	PCT	
<1		.5	•0	.0	.0	•0	.0			.3	.0	.0	•0	•••	.3	
1-2	٠٥	.0							. 5	5.3	.0	.0	•0	.0	6.3	
3-4	.5	.0	.0	.0		·	":		c	0.0	c		.0	٥٠	.0	
5-0	.č		ň	.ŏ	ò	.ŏ			.5	ō	.0	.0	.0	ŏ	.5	
7	. 5	.0	.0	.0	.0		.0		. 0	.0	ŏ		.0	.0	.0	
5-9	.5	.c	ò	.0		.5	.0		r c		.0	.0	.0	.0	.0	
10-11	.5	.0	6	.ŏ		.č	.0		Ü	. 5	Č	ič.	.0		.0	
12	.5	.5	.0	.0		.0	ŏ		ň	.0	.0	.0	.5	.0	.0	
13-16	.5		. 0	.0	. 0		.0		.0	ث	.0	.0	.0	.0	ě	
17-19	. 0	.0	·C	ŏ	, č	.0	.0		۰		.0	.0	.0		.0	
20-22	.5	.0	.0		. 5	.0			6	ő	• • • •	.č	.0	.0	.0	
23-25	.5	.0	• 2		ň	.0	.0		•	Ü	.0	:6	.5			
24-32	ij	.0		.ŏ		Ü	ŏ		٠	š	.5	.0	.0	.ŏ		
33-40	.3	.0	'n			.5	ŏ		á			.0	.5	.0	.0	
41-48	• • • • • • • • • • • • • • • • • • • •	.0		.0		.0	ö		ō	. 0		.0	.0		.0	
49-50		.0	.0	.0	.0					Š	.5	.5		.0	.0	
61-70	'n	.0	·	.5	ě		č		؞ٞ؞		.0			.0	•0	
71-86	9	.0		.0	. 5	.0	.0		. 0	è	.0		•0		.0	
87+		.0	.0	ō.	Š	.5	ŏ		ň	. 5	.0	.0	•0	.0	.0	
TOT PCT	• ^	.0	•0	.0	. 5		. 5		.0	4.5	.0		ě	.0	6.6	
												NW				TOTAL
#GT	1-3	6-10	11-21	22-93	24047	444	PET		1-7	4-10	11-21	22-33	34-47	48+	PCT	PCT
<i< td=""><td>٠.٠</td><td>. 9</td><td>2.</td><td>.0</td><td>.0</td><td>. 0</td><td>۰</td><td></td><td></td><td>2.4</td><td></td><td>.0</td><td>.0</td><td>.0</td><td>7.4</td><td></td></i<>	٠.٠	. 9	2.	.0	.0	. 0	۰			2.4		.0	.0	.0	7.4	
1-2		4.5	.0	.0	'n	.0	4,5			10.2	2.7		. 6	.0	13.0	
3-4		.0	.0	.0	.6	, u	, č			2.7	2.7		.5	ō	5.4	
5-0	• 0	.0	• 0	.0	in.	.0	.0		.0	. 0	.0	.0	.0	.0	.0	
7	. 3	. 0	•0	.0	.0	.0	.0		្តំត	• C	• 5	.5	.0	.0	.0	
8-9	٠.	.0	•0	• 2	٠	٠.	٥.		.0	.0	.,	.0	.0	,0	•0	
10-11		•0	• 0	• 0	.0	.0	.0		. 5	. 0	.0	.0	.0	.0	.0	
12	٠٥.	.0	•0	.0	. 5	.0	9.		,^	.0	.0	• 0	.0	.0	•0	
13-16	. 3	. 0	•0	.0	٠.	.0	2.			. 0	. 3	.0	. 9	.0	٥,	
17-19		.0	•0	.0	.0	٠.٥	.0		.0	.0		.0	.0	.0	.0	
20-22	. 3	.0	.0	• 0	. 7	. 3	.0		.6	.0	.0	.0	.0	.0	•0	
23-25	. 3	.0	•0	ಎ	.0	.0	.0		- 7	.0	.0	.0	• 0	.ŏ	• 2	
26-32	. 3	.0	•^	.0	.0	.0	.0		.0	.0	. 5		• 5			
33-40	• 3	.0	•0	.0	,n	.0	.0		.0	.0	. 5		•0	.0	•0	
41-48	• 2	.0	•0	.0	)	.0	.0		.0	.0	.0	.0	•0		.0	
49-60	. 3	.0	•0	.0	.0	.0	.0		.0	. 0	.0	.0	•0	.0		
61-70	• 3	.0	•0	.0	'n	.6	.c		.0	.0	.0	.0	• 5	.0	.0	
71-86	. 3	.0	• 0	.0	- 2	.0	.0			.0	.0	.0	• • •	.0	• 0	
87+	. 0	.0	.0	.0		.0	.0		.0	.0	.0	.0	.0	.0	.0	
TOT PCT	٠٥.	5.4	• 2	. 3	^	.0	5.4		, n	15.4	5.4	.0	.0	.0	20.8	95.2

	HIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4+10	11-21	<b>(€-3</b> 3	34-47	48+	PCT	777
<1	4.0	2.3	. 0	•^	.0	.0	14.3	085
1-2	1.2	42.9	4.6			. 5	40.4	
3-4		11.9	19.C			.š	31.0	
5-0	.0	.0	3.6	2.4	.0	ň	5.0	
7,0	.0	, U		.,		.0	.0	
8-9	.0	• 5						
					.,	•:	•0	
10-11	• •	• ?	• 0	•0	.0	•0		
15	• 0	•0	.0	•0	• 0	• 0	.0	
13-16	٠.	•0	• C	•^	.0	.0	٠٥	
17-19	.0	• 3	.0	. 5	.0	.0	.0	
20~22	٠,٠	• 0	.c	.0	.0	. 0	.0	
23-29	.0	. 0	.0	. 0	.0		.0	
26-32	.0	'n	.0		.0			
33-40	.0	. 5		.0		.,	.0	
41-48	.0	.5	.č	ň		.6		
49-60							•0	
	.0	• 0	.c	. 3	٠.	.0	•0	
61-70	.3	• 0	.0	•0	•0	٠.	.0	
71-86	. 0	.0	.c	•3	. 0	.0	. C	
<b>●7</b> ◆	.0	•0	.с	• • •	.0	.0	.0	
				-				84
TET PET	7.1	63.1	27.4	2,4	.0	.0	100.0	-

PERIOD: (CVER-ALL) 1949-1972 TABLE 19 PRACENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) 87+ TOTAL

.0 66
.0 30
.0 5
.0 3
.0 1
.0 0
.0 14
.0 110
.0 100.0 MEAN HGT 3 4 5 2 3 22.7 6.7 1.7 .8 .0 .0 .0 3.4 42 35.3 5-6 9.2 3.4 1.7 1.7 .8 .0 .0 20 16.8 8-9 10-11 12 13-16 17-19 20-22 43-25 20-32 33-40 16.8 9.2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 1.7 3.4 .0 .0 .0 .0 .0.0 000000000 0000000000 000000000 0,00000000 000000000 0000000000 000000000 000000000 000000000 0000000000 0000000000

								Anata	ı					
(PRIMARY) (CVER-ALL)		-1973 -1973						TABLE	1			AREA OUO	#ES	T BORYED 107.4E
				1	ERCEN	FREQU	ENCY	DE MEATHER	UCCURRENCE	BY mI	NE DIR	PC1134		
			P	RECIPI	C1 T4T	TYPE					CTHER	PEATHER	PHEND	HENA
WAS TIE	P415	PATA Small	PR7L	FRIG FCP\	SADA	OTHER FRZY	HAIL	PCPN AT	PCPN PAST HCUP	THOR LTNG		PUG WÜ PÇDN	SHOKE	SPRAY PLWG JUS'

AMECIALITATION TANK										CTHER	PEATHER	PHEND	MENA		
WND PIR	P415	9414 SmnR	PR7L	FR7G FCP\	SNDA	OTHER FRZY PCON	HAIL	PCPN AT CE T'ME	PCPN PAST HCU#	THOR LTMG	FOG HO PCPN	PUG WÜ PÇDN PAST HR	SHOKE HAZE	SPRAY REWG JUST BEWG SNOW	NO SIG WEA
% F E S S S S S S S S S S S S S S S S S S S	4.9 5.2 5.9 2.3 9.3 9.3	1.0 1.2 2.6 2.7 3.1 1.5	1.1 1.2 1.3 1.9 3.0	000000000000			************	6.9 7.3 6.7 7.5 6.5 9.3 14.3 13.8	5.6 1.9 1.9 2.5 7.6 4.2 5.0	2.1 8.1 1.4 2.1 4.5 1.2 7.8	.2	.00000000000000000000000000000000000000	.0 .2 1.0 .4 .x .5	•1 •0 •0 •0 •0	85.0 74.3 89.0 89.3 88.9 77.7 79.0 8.3 83.2
TLT PCT TUT 185:	3.9 3625	1.6	1.0	.0	٠٥.	•0	.0	5.5	2.6	2.6	.3	•0	.6	•1	87.4

TABLE 2
PERCENT PREQUENCY OF VEATHER OCCUPRENCE BY MOUR

PRECIPITATION TYPE											CTHEP	EP REATHER PHENOMENA					
(647)	PAIN	PAIN CHER	"R7L	FR7G PLP7	SNUA	STHER FRZN PCPN	MAIL	PCPN AT	TZAG PAST SUCH	THUR LTNG	FDG #E PCPN	FLG MG PCPN PAST MR	SMOKE HAZE	SPRAY BLWG DUST BLWG SHJW			
00603 00609 12515 18621	4.2 3.3 3.6 5.4	2.1 2.0 .7 1.5	1.0 1.0 1.3	.0	.0	.0	.00.0	7.1 6.3 5.3 6.1	2.8 2.8 2.3 2.2	.5 2.9 7.6	.2	.0	.6 .3 .9	•1 •1 •0 •1	88.7 90.2 88.2 81.2		
TLT ACT	4.1 3723	1.6	1.0	.0	٠.	••	٠.	6.6	2.6	2.7	. 3	.0	.6	• î	87.3		

TABLE 3

PERCENTAGE FREQUENCY OF WINT DIRECTION BY SPEED AND BY HOUR

							. C . SF		1-50117	35	CEU # 1	N RA -1	JUK					
413,719	7-3		קף קף 11-21		34-47	48+	JATCT 2EC	PCT FRF2	SPD	<b>c</b> o	03	06	#3UR 90	(GMT)	15	18	21	
									• •									
<b>&gt;</b>		A. 9	3.7	.?	•^	• 1		14.5	5.5	15.6	17.5	14.8	16.0	14.7	17.3	13.2	14.3	
٧F	1.7	7.7	7.4	٠.	•0	•:		14.7	0.2	12.0		12.1		10.1	18.5	15.1		
E	4.2	4.4	.7	•	9.0	• •		6.0	6.5	7.1	10.5	7.1		4.3	4.8	5.5		
Sf	5	9.1	3.2	. 1	• 0	. :		14.0	7.1	16.9	17.6	10.5		11.3	13.8	11.5	13.1	
\$	2.5	12.3	3.4		. 5	. 0		18.3	6.8	17.5	14.0			20.2	19.3	19.8		
S.	:.7	7.7	1.5					11.1	7.1	2.5				13.1	9.7	12.4		
•	1.4	4.1	1.0		•	.5		6.6	7.4									
\n	1.4	5.7	1.9	::		.0		8.6	7.0	5.5	3.3	6.1		8.1	6.0			
. 43	•					ú		•	-,	6.5	5.9	0.1	9.3	10.0	6.6	9.4		
	9.5	• ,	••	•	• •	• •				. 1	•0	. •	.0	•:	•0	•0	• •	
TOT CAS	٠.,						11794	9.0	· C	8.4	4.0	7.5	7,8	8.2	3.9	12.3	12.4	
TOT POT	22.0	46.1			_		(7.49		7.1	1755	360	2554	1448	1828	301	1812	1610	
	66.5	34.1	17.7	• 3	•	• -		100.0		100.0	100.0	102.2	100.0	100.0	100.0	100.0	100.0	

					TAR	16 3A						
AIC COM	0-0	7-10	57EED 17-27	(KNCTS) 28-40	41+	TJTAL JBS	PCT PREQ	MEAN COS	00	HGU 36 09	4 (G#T 12 15	
\$ E 5 4 4 A R	5.4 3.7 5.8 8.2 5.9 3.6 4.5	7.4 5.2 7.4 9.5 7.4 3.7	1.2 .6 .2 .7 .6 .5	.0 .0  	9999999999		14.6 11.8 5.0 14.0 18.3 11.1 5.6	6.5 6.3 5.3 7.1 6.8 7.1 7.4 7.0	14.2 13.3 7.6 17.0 1/.1 7.7 5.5	15.2 11.9 6.0 15.1 18.1 10.7 7.0 8.5	15.4 11.8 4.4 11.4 20.1 12.6 7.7 9.1	13.8 10.8 5.9 12.3 18.2 11.4 6.3 8.9
TOT DET	9.0	43.1	4.5	. 2	•0	11798	9.0	7.1	7.6 2145 100.0	7.5 4102 100.0	7.5 2179 100 0	12.5 3422 100.0

ANNUAL

PERIUDI (PRIMARY) 1904-1973 (OVER-ALI) 1855-1973

AREA OUCH REST BURNED SN 107.4F

PCENTACE	FREDUENCY	ΩF	WIND	SPEED	RY	MITTER.	TEVEL

HOUR	CA1 4	1=3	4-10	11-21	SPEED (	44-47 34-47	484	HEAV	PCT PRES	7777L 745
00603 06609 12615 19621	7.6 7.5 7.5 12.5	14.5 12.8 13.1 13.2	59.1 57.0 60.0	17.9 20.5 18.9	1.4	• • • • • • • • • • • • • • • • • • • •	.0 .0	7.6 7.2	100.6	2145 4102 2129
PCT		13.2	50.1	13.0	۰۰	•	•0	7.1	100.0	3422 11795

TAPLE 5

TABLE 6

F	PCT FRED OF TOTAL CLOUD AMOUNT TEIGHT-S) BY WIND DIRECTION. MEAN						PERCENTAGE FREQUENCY OF CEILING MEIGHTS (FTAN) 34/43 AND OCCURATENCE OF NA 43/5 BY MIND DIRECTION											
WND DIR	0-2	3-4	5-7	nasco	707AL 783	CLOUD COVER	200 149	150 299	499 499	900 999	1000	2000 3499	3500 4999	5000		8000+		
NESS SAN VAR CALM	2.9 1.2 1.0 2.5 2.5 .9 .6	2.6 2.7 1.1 3.2 3.6 1.4 1.9	7.6 6.5 2.7 7.0 4.7 3.3 4.1 2.7	3.8 3.1 1.4 7.3 4.6 3.5 2.5 2.1		5.4 5.1 5.2 4.6 5.3 6.2 6.1 5.6 .3 5.1	·1 ·0 ·0 ·2 ·0 ·0	000-00-00	.2	1.7 .9 .3 .9 1.5	2.5 2.3 .9 2.1 1.7 1.2	.9 .6 .4 .7 .6 .6 .6	.7 .5 .1 .2 .3 .3	•0 •1 •0 •3 • •2 •1 •0	• • • • • • • • • • • • • • • • • • •	.12	10.4 6.4 10.3 12.6 6.8 4.5 3.3	
TOT GES	12.9	18 3	43.9	24.9	1942	5,5	•4	.,	1,1	7.4	13.1	4.5	.0 2.5	•1	.1	.1	4,7	1952

TARLE ?

CHMULATIVE PCT FRE	UF SIMULTANESUS UCCURPENCE (NE 34/8) AND VSSY (NM)
--------------------	---

				4534 (N.	13			
CALLING	• ^R	= 84	= JR	* PR	■ DR	a ng	e rig	■ GR
(FEET)	>10	>5	>2	31	>1/2	>1/4	>50¥0	>0
■ FR >6500	. 8	1.0	1.0	1.0	1.0	1.0	1.0	1.0
<ul> <li>□ R &gt;5000</li> </ul>	1.4	1.7	1.7	1.7	1.7	1.7	1.7	
= PR ≥3500	3.3	4.1	4.1	4.1	4.1			1.7
■ DR >2000	6.9	8.7	8.9			4.1	4.1	4.1
				•.9	8.9	9,9	8.9	8.9
■ DR >1000	15.8	20.9	21.8	21.2	21.9	21.9	21.9	21.9
# i7k >601	22.1	27.3	27.3	29.5	29.7	20.7	29.7	
<ul> <li>□R &gt;300</li> </ul>	22.8	28.7	30.3				•	29,7
■ CR >150				30.7	30.8	30.8	30.8	30.0
	22.9	28.9	30.4	30.8	31.0	31.0	31.0	31.0
= fR > 0	22.9	28.9	37.6	31.0	31.2	31.2	31.3	31.3

TOTAL NUMBER OF DES: 2009 PCT FRED NH 45/8: 68.7

TABLE 74

PERCENTAGE FREE DP LOW CLOUDS (EIGHTHS)

C 1 2 3 4 4 A 7 R GBSCD GBS 3.2 18.5 22.9 17.1 12.3 8.8 6.8 6.0 10.2 .3 2242

	N		

								4.94	NUAL						
PERIODI (PRIMARY (DVER-AL								TA!	ele a				ARE	800C A	80K160
			۶	ERCENT				CTION Y					URRENC IV	E UP	
	SEV		۸.	*:5	E	\$£	\$	54		***	VAP	C L L "	PET	TOTAL	
-		PCP	٠.	•	.0	.0	.0	•0	•	• 0	. 5	.0	.1	093	
<	1/7	NO PLP TOT S	:	•0	.0 .0	•0	•0	•0 •0	• 0	:	•0	•0	.1		
		PCP	.^		•	•	•0	. ^	.0	٠,	.0		.1		
1	/2<1	NO PCP		·ĵ	• 0	.1	•	•1	.0	.n	.0	.0	.2		
		P-P	.,	<sub>6</sub> 1	• 0	. 1	•1	•	. 1	~ 1	.0		.6		
•	<2	TOT 3	.:	.2	:	• 2	::	•••	:	41	• 6	íá	1,1		
		PEP	• :	. 3	٠٠	•:	•	• 1	.1	•1	.0	•	1.0		
2	<5	NO PCP TOT %	::	. 3	.1	.3	.3	•1	.1	•1	••	•1	2.5		
		PCP	5	3	• 5	•1	. 2		• 2		٠٥	•1			
5	(1)	NO PEP Tel %	3.4	2.4	.7	2.2 2.2	2.5	1.4	1.2	1.3	.,	.4	15.0		
		PCP	.4	و		2	. 5	.4		. 1	.n	•			
1	.0◆	ካቦ ቃርቃ ተግፕ %	17.6	11.2	5.0 5.1	11.5 11.6	13.9	8.4	5.0	5.3 5.5	•1	4.7	70.4 79.1		
		TDT 285												4018	
		TOT PCI	17.1	15.0	t.2	24.7	17.4	10.7	6.0	7.2	. 1	4.7	100.0		

TAPLE 9 PERCENT FREM OF WIND DIRECTION VS WIND SPEED WITH MARYING MALUES OF MISTRICITY

v58Y	SPD	٧.	٧Ł	Ł	š£	5	5 x		NW	VAR	CALD	PCT	TOTAL
(44)	KT5												บัตร
	<b>0−3</b>	• 0	• 9	•0	•0	•0	.0	.0	.0	.0	•		
<1/2	4-10		• 4	•				*	•	٠.		. 2	
	11-21	•0	•	• 0	.0	•		•	• 0	٠,		-1	
	22+	.0	•	•0	.0	.0	٠.	~ U	• 0	.0			
	TOT %	•	•1	•	•	• 1	•	•	•	.0	•	.3	
	0-3	•	٠.	•	.0	•	•	•	• 0	.0	.0	-1	
1/2<1				• 0	.0	•	•	. 0	• 0	.0			
	11-21	. 0		•0		•	*	• 2	.0	.0		.1	
	22+	• 3	• 3	• 3	. 5	.0	•:		• 3	• ၁		.2	
	TOT \$	•	•	•	•	•	• 1	•	• **	.4	٠.	.2	
	0-3	•	•		.0	.0			.0	.0	-1	. 2	
~<2	4-10		4		. 1	• •	7	• 1	. 1	.0		.5	
	11-21		•	•0			•	-1		.0		. 2	
	22+			•0	.0	•0	.0	.0	.0	.0		.1	
	TOT \$	•1	.1	•	. 2	•1	-1	.2	-1	.0	• 1	1.0	
	0-3			•		.1	•	•	•	.0	•1	.6	
2<5	4-10		. 3	.1	.3	. 2	.2	.1	- 1	.0		1.6	
	11-21	٠,	.,	•		• 1		. 1	. 1	. ၁		. 6	
	24+	•	•	• 0	• 0		•		• •	. 6		• •	
	TO1 %	• 5	• •	•2	و.	.3	. 3	.2	• 5	.0	-1	2.7	
	0-3	•1	• 1	. 1	.2	• 1	.2	• •	.1	. 0	.7	4.7	
3<10		1.3	1.1	. 4	. 9	1.1	۰,۹	.7	. 2	.0		7.2	
	11-21	1.0	. 1	• 1	. 4	. >	. 6	.4	٠,٤	ن.		3.2	
	22+	- 1	. •	• 0	•	•	•	n	• 0	.0			
	TOT %	2.4	1.9	• 6	1.5	1.6	1.3	1.0	1.2	.0	.,	14,4	
	0-3	1.4	1.6	.9	1.1	1.8	1.2	1.2	1.2	٤	7.5	18.2	
10+	4-10	6.4	6.6	3.5	8.2	10.6	6.2	3.3	4.5	٠.		51.4	
	11-21	2.8	2.2	.5	2.7	2.6	1.2	.0	.7	.0		13.5	
	22+			• 0	. •	1	.1	•		.0		. 3	
	TOT %	12.6	10.5	4,9	12.0	15.2	8.6	1.2	6.6	•	7.8	83,4	
	TOT DES												6995
	TOT PET	15.8	13.2	5.8	14.1	17.5	10.4	6.5	E.1	•	1.6	100.0	

101434	)ı (PRŢMA									ANNU				,	IREA (	0098	HĒST Į				
	(OVER-	ALL) 1	855-197	'3		PE	CENT	FREQUEY	CY OF	TARLF Crilin	Ğ HEIG	HTS ()	EFT,NH	>4/81	45m		.5N :	.07. <b>4</b> €	-		-
		HD	UR ~T)	000 149	140	300 599	600	1000	2000 3499		5000 6489	6500 79 <b>9</b> 9	4000+	TOTAL		<5/8 / HGT	TOTAL DBS:				-
			203	.2	.1	1.5	6.7	• • • •	3.9	2.0	. 6			30.7		69.3	266				
			fne	.2	.4	1.1	٨.5	-	5.6	4.2	.6	•5	.5	28.1		71.9	57	~			
		12	615	.2	.0	1.4	8.9	11.5	4.1	.0	.7	.0	•1	27.1	,	72+1	71		•	-	-
		18	621	. 8	.0	٠.	6.7	14.1	3.9	1.7	.0	.2	1.2	29.6	• -	70.4	**	3			٠.
			31 CT	٤.	.1	1.1	7.1	12.1	4.5	2.3	.7	.3	•6	Ž9*.1	1 _	70.9	215 100.		-	·	~
													-			-	~			-	-
					TA	plE 1	1					_		•	- Parle	12					_
			PERCEN	FRFG	LENCY	YŞBY	(%5)	LY HCUR	ξ.	_	Ct	HULAT	VE PCT	FREQ I	OF RAI	NGES (	JF_VSB  /81+8	EHP) Y RUCH Y	AND/O	t	
	HOUR (GMT)	<1/2	1/2<1	10	\$	2<5	5<10	10-	TOTAL C65			SUR GMT 1	<150 450YD	<600 ·	C1000	1000	A AN	<5/8	TOTAL DBS		
	00603	.4	.2	:.	2	2.1	10.9	55.1	1499			0603	.2	215	9,9			67.3	536		
	26609	.4	, 3	1.		1.9	10.7	35.7	2006	-	0	0609	•3	1.8	1076	20.		69.3	540		
	17615	•2	.1	١.	2	3.7	14.4	(0.3	1463	_	:	2615	•2	2.0	13.2	17.	, 5	69,3	476		
	18621	.3	.2	•	<b>A</b>	3.2	23.9	51.6	2129		1	1530	. 5.	.8	10.4	22.	6	66,9	496,		
	177 PCT	.3	.2	1.		2.7	12.5	*****	7097 122.0			TOT PCT	.3	1.8	10.9	žō.	,9	66.2	2008 190.0		
															_						
									-												
																		-			
				TARE	F 13			_								TABLE	14				
	PERCENT							_	TOTAL	PC1					_				N BY TI		
7549 B 95/99	0-29 3				-04 7	0=79 •0		•0	CSS	FREG		4	NE	E	SE,	\$	SW	4	44	VAR .C	CALM
90/94 85/39 80/64 75/79	::	00000	•0		1.5	7.1 27.4 1.0	.0 2.7 39.9 5.6	.0 .3 .5		.1 .7 11.9 75.3		.0 1.3 1.6 3.1	4.2	4.7 1	2.0 1.4	2.6	.0 1.2 8.9	.0 .7 5.2	.0 .1 .4	.0	.0 .9 4.6
70/74 1074L	:0	.0	•0	•0	•0	.0	.0	.1	1905	12.6		:1	.0	.0	.6	:0	1.5	1.4	1.0	٥٠	.0
PCT	•0	•0	•0	•3	3,6	75.5	46.4	12.2		•	1	6,3	12.6	6.4 1	4.9	16.9	11.6	7.3	7.8	.1	6.0
				TARL#	15											TABL	E 16				
*	EANS, EXT	REHFS A	NO PER	CENTIL	es of	TEMP	IDEG	F) BY	HOUR				PERSENT	FREQU	ENCY	OF RE	LATIVE	HUHIC	ITY BY	HOUR	
HOUR (GRT)	MAX 9	P4 95	\$ 50	<b>x</b> 5	*	14	MIN P	:	DTAL DBS		H01	17)	-29 30	i <del>-</del> 5♥ 6	0=69	70-7	9 80-	89 90-	100 M	EAN	1011L
60203 46340	97	91 6	5 8	37	8	76 75	72	3.0	2134 4081		000	03 09	.0		9.2	3C.	2 35	•5	5.2	83 79	512 524
12615 18621 TOT	89	84 9	15 8 13 <b>8</b> 14 8	2 7	9	76 76 75	72	11.1	2106 940 <b>8</b> 1729		126 186 73	21	•0	.0 .b	2,4	35. 29. 71	4 54	.1 1	8.9 5.7 248	81 83	492 506 2034
				•			- •	•			,-		-		•	••	,	-			

727:.0:	(PAINARY)	1904-1973
	-(JVEP-ALL)	1735-1973

		1900-1975
-,	_(JVER-ALL)	1735-1973

Traing 17	A4E4 0008	BORNE 107.4
Trace 17	#-E# 000B	

ATR-SEA	69	73	77	81	85	64	>92	707	_	¥3
TWP DIF	72	76			88	92	772	131	Fãs	FOG
1-/16	.0	.0					.0	1	.0	
11/13	•0	• 6		.0		.1	.0	6	•0	•2
9/10	• 6	.0		•		.0	.1	7	. 0	.2
7/6	.0	• •		. 3	.1	•1		19	•0	. 6
\$ •	00000	•6	.0	• • •	• i	. 2		13	.0	.4
•	•0	.0	:	.4	.4	• 2		40	• 0	1.4
•	•0	•0	• 1	. 9	1.1	.3	.0	21	.0	2.3
,		٠.	•		. 3	. 2	.0	55	. 3	1.5
\$	.0	• 5	.3	4.6	2.3	- 1	• 0	258	•0	7.4
1	-0	. 0	. 3	4.6	2.1	٠.	.0	232	•	6.9
2	.0	. 2	2.9	16.C	1.6	.0	. c	743	-1	20.9
-1	٠.	•	4.2	10.7	1.4	•0	.0	445	•0	13.5
-7	.0	.4	4.1	14.9	. 6	• 2	. 0	722	.0	21.0
-3	.0	.1	1.7	4,5	. 3	•	. 0	249	• 6	7.6
-4	.0	.3	3.€	9.2	+1	•11	.0	320	• 1	9.3
-5	. 5	. 4	1.9	1.2	.1	.5	.0	119	``	3.6
-6~		.1	7			• •	.0	43	.0	1.3
-7/-5		. 2	.9	٠,٦	.0	.0	.0	44		1.4
- 9/-10	.0	•:	. 2	. :	. 0	.0	.0	11	.0	. 4
-11/-13	•0	.1	•		.0	.0		-;	. 5	.ĩ
TOTAL							••	3412	-	••

PERIOD: (CVEP-ALL) 1963-1973

					. rngu s	4 11112	Detail in	iai aira aire	:1174 /	EFSUS 3	SEA MEIC	HTS (FT)	)	
#GT	1-3	4-10	11-21	22-13	34047	45+	PC+	!+3	4-10	11-21	11E	34-47	48+	
<1_	. 5	1.4	.2	.0	à.	.0	1.4	• 7	. 6	.1	.0	-		PCT
3-5	. 4	6.9	5.0	.0	.0	.0	9.3	4	٠.٠	1.2	.0	•0	•0	1.5
3-4	.2	2.6	3.4	.1	.^	.0	5.6	0	1.6	2.1	.0	•0	•6	6.6
5=6	. 2	• :		-1	. n	ű.		ć	```			•6	•0	3.0
7	.:	.1	. 1	.0	•n		iž	š	٠.		-1	•0	•0	•6
8-9	. 3	.:	•2	. 5			.2	ě	.0		•0	•0	•0	• 1
10-11		.0	.0	.0	.0	.0	.c	ő	٥	:5	.0	•0	•0	•1
:2	. 0	.c	• 6	.0	.5	.0	è	ň					-0	•0
17-16		.0		.0	•^	.0	ě	•	• 07	.0	•0	•0	•0	•0
17-19	."	.0	2.	.0	. 6	.0	ò	, r				•0	.0	•0
50-55	.0	.0	• 2	.0			č	ċ	.0	.5	٥.	•5	.0	•0
23-23	.5	.C	.0	. 6	,ć	.c	,č	š	.0	•0	•0	•0	•0	• 0
25-32	1,	.0	•0		c	.0	•0	.0	.0	3.	.0	• ¢	.0	•0
33-40	.5	.0		.č	č	š	.0	::	.0	•0	•0	•0	•0	•0
41-48	.c				.0	.0	ě	•0	.0	• 0	•0	•0	•0	•0
69-60		.0	.0		.ŏ	ě	٥			.0	•0	• 9	.0	•0
670	• •	.0	ñ	.0	.0	.0	.0		• a	•0	•0	•0	.0	•0
71-56		.0		.0	.0	.3	.0	• ^	•0	•0	•0	•0	•0	•0
87+		.0	a.	.0			.0		•0	•0	.0	•0	.0	.0
TOT PET	1.1	10,8	5.1	.,,	.0	.6	17.1	. • 2	0	•0	•0	•0	•0	.0
	- • •	•,	•	••	••	••	1/01	1.5	7.0	4.1	•1	•0	•0	12.7
				£							SE			
451	4	4.0	11-21	27-33	34-47	45-	PCT	1-3	<b>-10</b>	11-21	22-32	34-47	48+	PCT
<1	٠,	1.5	+9	•0	.5	.0	:.3		1.5	.1	.0	.0	.0	2.3
1+7	. 3	2.3	, 5		• •	. 0	3.1		5.6			ŏ	.0	6.8
,	٠,٢	1.0	. 4	٠.	•0	٠٥.	1.4	٠	2.4	7.0	.2	.0	.5	5.5
5-6	• 3	.0	• 1	-0	••	٠٥	• 1	'n		10	.1	ěŏ	.ŏ	3.3
7	• 5	.0	•0	.0	:0	.0	٥.	ຳ	ō	i	':	.5	ŏ	
4.9	• 0	.0	• *	•0	• າ	• 0	•0	, n	.0		.0	.0		**
.3-11	• ?	. 5	•0	, ၁	• **	.0	•0	'n	.0	•0	.0	.0	ĕ	.0
.14.	• 3	.0	•0	.0	•0	•0	·U	.0	.5	.5	.5	•5		.0
13-16	• 0	.0	••	••	•0	٠.	.c	.0	.0	ŏ		•0	ŏ	.0
,7-19	- ••	• >	• 0	•0	•	• <i>t</i> 7	• 0	٠n	Ü			• 0	.0	.0
20-72	.:	•0	•0	•0	-0	•0	.0	.0	. 5	ě	.ŏ	•0	.ŏ	.0
13-25	•"	- 2 -	• 0	.0		•0	.0	.6	ō	.0	ě	• 5		•0
26-32	• 9	. 6	•0	.0	•*	•0	•0	, D	Ü	.0	:0	•0	.0	•0
33-47	• *	.0	• 0	•6	. 6	.0	•0	.0	٠٠	.0	• • • • • • • • • • • • • • • • • • • •	•0	:0	
41-48	•9	٠ú	•0	.0	.5	•0		ő	ŏ		.0	.0	.0	•0
+4-60	• ≎	. "-	•0	.0	. ^	. 0	.0	ő	š		.0	•0		•0
	• 4,	• 2	.0	•0	.0	•0	•0	, ,	.0	.0	.0	•0	•0	•0
756	•4	.0	• 2	.0	. U	.0	č	ń	.0	.0			٥.	•0
67+	• *	.0	.0	.0	. 5		•0	ໍ້ດ	.0	.0	•0	•0	•0	•0
4:34 343	. 5	4.3	1.6	•0		.0	5.9	1.1	9.7	4.7	• 0	• 5	•0	0
					•	- •			7.	4.7	.3	•0	•0	15.7

aán san	:- (DYE		144321	072		-			ANN	114L =	-			AREA	0009 6	rest ağı	KNĖU.
afkinn	ii- (Dye-	PAREL	(Adher				-	TABLE	18	(COVIT)	)					107	4E
				<b>.</b> pe	T FRED ÖI	DAIN T	SPEED	(KŤŠ)	AND	01880	:TION \	VERSUS S	EA HEIG	HTS (FT)	-		-
	-			5		-					*	-	5W	ē			
HGT	1-3	4-10	11-21	22-13	14-47	480	PCT			1-4	4-10		27-33	34447	486 -	1.0	
<1	• 2	.9	•1	.0	•0	.0	1.2		-	.?	4.5	.0	•0	.0	:3	5.3	
2	.5	5.7 3.3	2.0	.0	.n	-0	5,8			- 6	1.9	1.0	ž	•0	ů.	- 5.1	
3-4 5-0	.0	.6	2.3	.6	.0		1.2			- "		4	.0	•0	.0.		
7	.5	.5	.2	ί		_ ,0	•;;		_	- 0	• 5		- ';	. 5	٠٥.		
8-9	ŭ		.?	.0			ž			•		. 4		ψΩ	:0	•	
10-11	.0	.ŏ	.0	.0	.0	ŏ	.5			417	į,	. ,5	.0	• 0	,0	.0	
12		.0	.0	.0-	.5	• 0	70		~	, in	.0		.0	0	.0	•0	
13-10	à	.0	.0	.0	.0	.0	.0			• 11	.5		•0	• 3	.0	•0	
17-19		-,0	.0	.0	.0	•0_	9.			.0			•0	•0	٠٥-	•0	
20-22	,c	:0	*6	.5	٠.	• 5				• ?		.0	•¢	•0	•0	•0	
23-25	20	•0	•0	.0	•0	•0	•0			-0	•0		•0	- 0	.0	•0	
26-32	.0	٠.	•0	.0	.0	•6	•0			•	•0		•0	2.	0	.0	
33-40	.0	.0	•0	.0	•0	•5	• \$			- 60-	• 6		•0	40	:0	.0	
41-48	• • •	•6	•0	.0	•0	.0	.0	-		.2	.0		.0	.0		• 6	-
49-60	.0	.5	•0	*2	.5	.0				ň	• 5		š	:6	.0		
61-70	.0 0	.0	•0	.0	. 6	.0	•0			ö			ö	.5	,ŏ	ě	
71-96 87+	:0	:5		.0	- 5 - 5	.0	š			ž	. 5		-30	• 0		.0	-
TOT PCT	:7	10.5	5.3		, c	ن.	14.4				7.3	2.1	.2	•0	.õ	10.0	
1111 761	• ′		. • •	••	•-	• • •	• •			-*						-	
				₩							-		N¥				TOTAL
HST	1-3	4-10	11-21		34-47	43+	PCT			1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	.5	. 6	•0		• 9	.0	1.1			. 1	. 8		.0	•€	.0	1.0	_
1-2	.5	2.6			.0	.0	3,4			. 8	3.3	. 5	• 9	- • G	-0	4.1	
3-4	.0				.0		. 5			4.2			•	•0	.0	1.7	
5-0	.0	.1	. 4		.0	•0	. 6			•0	. 3	2	•1	• υ	.0	•6	
7	- 10	.0	•0		.c	.0	à1			•9	• 0		•0	•?	.0	•0	
8-9	. 5	.0	•0		•0	.0	•0			•0	• 0		.0	•0	.0	•1	
10-11	٠,	.0	• ?		•0	•0	•0			•0	•0		•0	•0	• 0	.0	
.12	•0	.0	•0		• 0	•0	•0		-	• 2	. U			•0	.0	.0	
19-16	.0	.0	•0		•0	٠,	•0			.0	.0		•0	• 0	.0	.0	
17-19	.0	•0			o. 2.	.0	.U			• • •	.0		3.	.0	.0	.0	
20-22 23-25		.0			.0		.0			,,	13		.0	• 5	.0	,0	
26-22	.0	.0			-0	.5	.0			4	- 6		.0	0	.0	.0	
33-40	č	.0			.0	.5	.0				.0		.0	.5	.6	.0	
47-48	Ü	.0			.0	.0	.0			ò			.0	40	.0	.0	
49-60	ŏ	.0	.0		.0		.0						.0	•0	.0.	.0	
61-70	Ü	.0			.0	.0	.0			.0	• (		.0	•0	.0	ã0	
71-86	.0	.0	.0	.0	.0	.0	.0			•0	• 0		•0	•0	.0	•0	
<b>\$7</b> +	. 5	.0			.0	.0	•0			•0	. • 9			•0	.9	.0	ā. 3
TOT PET	1.0	3.5	1.2	2	.0	.0	5.8			1.1	5.2	1.9	•1	•0	.0	4.2	92.2

	WÎND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	12.3	7.5	• >	.0	.5	.0	20.4	<b></b> ,
1-2	3.9	34.8	7.3	• • •	•2	. ?	45.0	
3-4	. 3	13.5	12.8	.7	.0	.0	-27.2	
5-6	.0	1.5	3.1	. 4	.0	.0	3.0	
7	•0	.1		,,	.0	.5	.7	
4-9	.0	.1	. 5	.0		.0	.7	
10-11	.0	.0		.0	.0		0	
12	ŏ	.0	.0	.0	, 0	.0	.0	
13-16	.ŏ	.0	.0	ñ			,ŏ	
17-14	.0	.0		c,	.0	.0	ä	
20-22	. 0	.0	, 0			0.		
23-25		.ŏ	č				.0	
26-32		ěč	.6				.0	
33-40			.0				č	
	•0	•0						
41-48	•0	•0	•¢				•0	
49-60	•0	.0	.0				٠.0	
61-70	•0	•°	.0				.0	
71-86	.0	۰٥	•0	•0	.0	. 0	.0	
<b>*</b> 7*	•0	.0	.0	• 0	.0	. 0	.0	
								1022
TET PET	16.5	57,5	24.8	: • 5	• ?	• • •	100.0	

<1 8.1 .0 .0 .0 .0 .0 .0 10.7 .5 .6 .3 .0 .0 .1 .0000000 5.3 3.3 .8 .1 .2 .0 .3 .7 1.3 .0 .1 .1 .0 .1 00000000 00000000 00000000 00000000 .1 .2 .0 .0 .0 .0 .0 .0 000000000 .00000 0000000 00000000 . . . . . . . . ....... ......

MLL) 1859-1	573					TAB	F# 50					AREA OU	2 WE.	T BORNES
		-	PERC	ENT FR	EGUENC	Y CF D	COURKE	NCE DF	SEA 1	E IF (C	EG F)		4	
SFA TAP - DEG F	J≜∜	FER	MAR	APK	HAY	JUN	JUL	AUG	\$FP	DET	NOV	DEC	ANN	PCT
96+	.0	.0	•0	•5	.:	٠٥.	.0	.:	_					
95/96	·n	, c	ő	•0	.0	.0	.0		•0	• 5	• 5	.8	٥	•0
93/94 -	•0	ء,		3		.0		٠,٥	•0	•0	.0	.0	0	
41/92	• 0	, c		- • 6	.2	.1	.0	0	•0	• 0	.0	•0	1	
<b>69/9</b> 0	3.	٥٠		1.2	1.0	1.7			• 0	-40	. C	•0	b	-1
87/E8	. 3	.1	1.5	4.6	7.6	6.7	1.5	.0	• 4	3	.1	•0	43	.4
85/66	1.0	, i	9.5	73.3	3:.3	29.4	13.1		. 3	1.7	2.2	•2	229	2.0
R3/84	9.9	12.4	31.2	41.2	43.9	45.1			4.0	13.7	12.5	4.8	1365	12.1
41/82	49.1	40.7	41.2	21.6	15.2	12.0	47,4	36,4	41.9	45.0	45.2	26.4	3956	35.2
-79/65	31.0	29.6	16.6	6.1-		2.2	4.7		43.3	32.0	35.1	49.5	4057	36.1
77/14	6.4	6.1	2.5	1.2			:	7.6	0.2	4.7	4.0	16.6	1249	11.1
75/76	1 - 1	2.4	7.7		1.1			.9	1.5	1.3	1.6	1.8	249	2.2
73/74	.,,	. 6				•1-	•c	.3	.5	• 2	. 3	.7	73	• 6
71/72	.0	.2	.0		• 1	٠٠	.0	• 1	• 1	• 5	.1	• 1	15	•1
69/70	•0	.5	.0	•0	•0	•0	.0	• 0	•0	.0	.0	.0		`;
57/58	• 0	.ŏ	.0		.0	•0	.0	• 0	•0	•0	.0	•0	ō	.0
45/66		ā	.0	•0	.0	•0	.0	٠,	•0	• 0	• 0	•0	Ò	.0
63/64	.0	.o		. C	.0	.0	•?	٠.	•0	• 5	.0	.0	0	ě
01/62	2.6	č	ò		•0	•0	•0	٥.	•0	• 0	.0	.0	Ó	•0
59/60		ڔ؞	•0	.0		•0	• 0	•0	•0	• 0	.0	•0	ē	•0
57/58	.0		.0	ن٠	•0	•0	• 0	•¢	• 2	•5	.0	.0	Č	•6
55/56	. 0	č		٥٠	• • •	•0	•0	•0	•0	.0	. 0	.0	ŭ	
53/54	Ä			.0	- 5	•0	• 0	• 0	•0	•0	٠.	• 0	ŏ	•0
51/52		ñ		•0	5.0	• 0	•0	•0	•0	•0	.0	.0	ŏ	•0
49/50	خ د		• 2	•0	ັ •ຄ	• ()	• 2		•0	•0	.0	.0	Š	•6
47/48	'n	, o	•0	• 53	٠.	• 0	.0	. 0	•0	•0	.0	.0	ŏ	.0
-45/45	42	Ċ	•6	0	.0	•0	.0	• 0	• ?	• 3	.0	•0	Ū	•0
43/44	é	ž	•0	•0	•0	•0	•0	.0	• 0	•0	.0	•0	ŏ	•0
41/42	• 0	ě		•0	• 0	•0	•^	.0	• • •	.0	٥	.0	ŏ	•0
39/40	ò	٠٥	•5	•0	• 5	•0	•?	•0	•0	•0	.0	.0	ŏ	•3
37/38	.0	.0	•5	*0	• 0	•0	•0	•0	•0	. 2	.0	•0	ŏ	•0
35/30	.0		•0	• 0	• 0	•0	•0	•0	•0	• 0	.0	.0	ō	•0
73/34	.0	• 0	•0	•0	.0	•0	• 0	•0	•0	. 0	.0	.0	ŏ	.0
91/32	.0	٠,	• 0	•0	.0	•0	• 2	•0	.0	•0	.0	.0	ŏ	
29/30	40	•0	•0	• 0	.0	•0	• 6	.0	•0	.0	.õ	.0	ŏ	•0
27/28	.0	.0	•5	• 0	.0	• 0	.0	• 0	.0	.0	, č	.0	ŏ	
<b>327</b>		.0	• ?	.0	•0	• 0	.0	•0	•0	.0	.0	.0	ŏ	•0
TÜTAL	1014	•0	0	• 0	••)	•0	• 0	.0	•0	.0	٥٠	.0	š	•6
	7074	959	979	323	841	975	967	9211	1014	433			.1248 ]	•0
#EAN	80.8	80.7	82.0	83.4	84.1	84.0	Ju /				1022	1007 1		

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					1 A 5 :	E 21				
				P	RESSU	E (48)				
				VERAGE			**			
				12.446	., .,	0- 10-	.,			TOTAL
#E	0000	0700	0600	0900	1200	1500	1600	2100	MEAN	นลร์
141	1911	1010	1611	1009	1010	1010	1011	1010	1010	425
BE.	1010	1210		1009	1002	1012		1009	1010	388
742	1010	1010	1009	1909	1009	1010	1010	1009	1010	424
400	1003	1010	1009	1008	1004	1028	1009	1004	1009	267
444	1010	1009	1009	1008	1009	1009	1009	1008	1009	293
JUN	1010	1010	1009	1009	1009	1110	1009	1000	1009	289
101	1010	1911	1009	1009	1004	1010	1009	1010	1009	277
AUS	1010	1610	1010	1009	1004	1509	1010	1009	1009	296
€£6	1010	1010	1610	1008	1000	1009	1009	1008	1009	256
TCT	1311	1010	1007	1005	1010	1010	1010	1009	1210	293
YDV	1010	1010	1009	1008	1009	1009	1010	1308	1009	375
EC	1211	1010	1010	1009	1010	1010	1009	1010	1010	320
644	1010	1010	1010	1009	1000	1010	1010	1009	1009	3 9 2 3
634	582	285	9#1	307	59:	202	500	334	••	
				P	ERCENT	ILES				
ME	-IM	14	5 X	25%	50€	75×	95%	99%	MAX	
JAN	1005	1006	1007	1009	1010	1012	1013	1014	1015	
ver ver	1005	1005	1006	1008	1010	1011	1013	1013	1014	
400	1005	1005	1006	1008	1010	1011	1017	1013	1014	
SAV	1005	1005	1006	1008	1000	1010	1012	1013	1014	
JUN	1005	1005	1006	1008	1009	1010	1012	1013	1014	
10r	1005	1005	1006	1008	1009	1010	1012	1012	1013	
AUT	1005	1005	1007	1008	1009	1010	1012	1012	1015	
569	1005	1005	1006	1008	1000	1011	1012	1012	1013	
707	1995	1005	1006	1008	1017	1010	1015	1012	1013	
VEV	1995	1005	1005	1009 1008	1010	1011	1015	1013	1014	
OEC	1205	1005	1000	1008	1010	1010	1012	1013	1014	

#### PERCENT FREQUENCY OF AMATHER OCCUPRENCE BY WIND DIRECTION

			•	RECIPI	CITAT	" TYPE					OTHER	WEATHER	PHENS	hElia	
KID DVA	RAIN	PAIN SHUR	TR7L	ER7G DCDY	SNOR	OTHER FR79 PCP%	HAIL	PCPY AT THE	PCPN PAST HCUP	THOR LING	F06 H0 PCP4	FJG WN PCPN PAST HR	SMOKE		
N	1.6	1.1	.0	.0	.0	.0	.0	2.7	1.6	3.2	.0	.0	.0	•0	92.4
\F	.0	4.8	٠.	.0	.0	.0	.0	4.8	9.5	2.4	9.5	.0	.0	•0	73.8
E	.0	8.3	. 5	.0	. 5			3.3	.0	16.7	.0	.0	•0		75.0
ŠF	. 0	. 5	10.3	.ŏ			.c	10.3	10.3	.0	.0	.0	•0		79.5
3	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	•0		100.0
Ša	14.3	.0	.0	.0	.5		.5	14.3	14.3	.5		ŏ	.0		71.4
•	1.7	5.9						8.6	12.0	ذ ه	.0	Ü	•0		73.1
S.	• . 7	3.8			.0			9.4	3.4	3.5	2.6	ŭ	• 0		61.6
VAR			.c	.č					7.2	•••	1.5	ŏ	•0		
CAL	• 0	.0	.0	.0	.0	.0	.0	•0	•0	6.3	.0	•C	•C	•0	91.7
707 PC7 707 7851	3.1 258	3.5	.8	.0	•0	.0	.0	7.4	5.0	3.9	1.6	•0	•0	•0	45.5

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

				RECIPI	74710	N TYPE					OTHER	#EATHER	PHEND	MENA	
HEUR (GMT)	741×	#AIN StaR	747L	FR7G PCFN	SNON	STHER FPZN PCPN	HAIL	PCPH AT DB TYPE	PCPN P4ST	THOR I THE	#06 #0 **C#13	FEG WO, PCPN PAST MR	SMOKE	SPRAY BLHG DUST BLHG SNOH	
F0300 P0360 e1351 15341	5.4 3.1 3.0	4.9 9.3 1.5	.0 1.4 1.5 3.0	.0	.00	.0	.0.0	4.9 :3.5 6.2 7.5	13.1 4.1 1.5 1.5	3.3 .0 3.1 9.0	2.7 1.5 1.5	.0 .0 .0	•0	•0	78.7 79.7 87.7 80.6
TOT POT TOT 3631	3.0	3.7	1.5	٥.	•0	٥.	.0	8.2	4.0	3.7	_ 1.5	•0	•0	•7	81.6

#### 7181 E

## PERCENTIGE EREQUENCY OF FIRM MIRECTION BY SPEED AND BY HOUR

440 DIS	2=3			22 <b>-</b> 33		48+	JATCT 260	961 F883	453N 5PU	60	<b>ا</b> د	06	HOUR 39	(GMT) 12	15	18	21
N.	1.5	10.1	5.7	.4	• 2	٠.		17.6	6:3		21.4					12.5	14-1
16	• 3	1.5	• • • •	• •	2.	• • •		2.7	7.7	4.6	• • • •	3.6		5.0	•0	2.9	• 5
	. 3	.5	.7	•0	• 0	•0		1.0	5.9	• 4	• 5	1.1	1.2	. 5	•c	1.8	•0
SE	.5	1.2	.0	.3	• ?	.0		1.7	5.1	1.3	• • • •	1.5	3.7	• 2	17.5	2.6	•7
S	. 3	1.9	. ?	. 2	.0	.0		4.6	7.0	2.2	•0	1.3	2.5	3.3	6.3	2.2	4.9
S.*	. 9	2.6	. 7	. 5	٥.	.0		4.1	6.9	7.2	21.4	4.3	8.0	1.4	10.8	3.1	3.5
	1.3	11.4	4,4	,	. 0		_	18.4	8.9	17.0	42.9	12.2	19.5	17.2	12.5	21.9	25.4
ξ,	2.3	29.0	3.7		. č	.5		45.4	9.1	48.2	14.3	45.8	45.1	46.9	15.5	43.4	44.4
V24	• 2	.5	· · e		. 5	.0			.0	•0	• • •		.0	•0	.0	.0	
CALW	5.4							6.4	.0	4,4	.0	7.3		6.6	.0	9.6	
TOT TAS	74	382	15*	5	٥	C	653		9.2	113	7	137	81	122	ě	114	71
101 961	14.4	50,5	25.7	1.4	•0	•5	•••	106.0			100.0		100.0		100.0		100.0

#### TANLE 34

		e IND	SPEED	(KNOTS)						ноиз	(GHT	1
₩C ota	0-6	7-16	17-27	29-40	41+	TOTAL 28C	PCT FREQ	MEAN SPD	00	09	12 15	18 21
	5.3	11.3	1.0	•1	.0		17.6	9.3	18,3	18.3	22.3	13.1
<b>\</b> E	1.5	1.1	• 2	•C	٠.		2.7	7.7	4.4	3.0	1.9	1.6
E	.7	. 3	• 2	.0	.0		1.0	5.9		1.1		1.1
45	1.2	.5	.0	.0	.0		1.7	5.1	1,3	2.3	1.0	1.9
₹	1.7	.7	. 2	.0	. 6		2.6	7.0	2.1	1.7	3.5	3.2
• •	2.3	1.6	. 2	i	.5		4.1	6.9	3.3	6.3	2.5	3.2
•	6.2	10.5	1.6	60	.5		18.4	8.9	17.4	14.0	10.7	23.2
~ w	12.8	30.9	1.6				45,4	9.:	40.3	40,7	45.0	43.8
VAR	.,	0.0	2.				0,0	7.6	0,0		75.5	.0
		• •	• •	•••	•							
CALY	0.4		_	_			6.4		7.2	6.0	6.2	\$16
TOT GAS	250	372	30	1	G	653		8.2	120	218	130	185
TOT PET	36.3	57.0	4.6	•2			100.0		100.0	100.0	100.0	100.0

YPAUITAL

PEF100: (P41MARY) 1918-1973 (SVER-ALL) 1859-1973

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TARLE &

AREA 0009 KARIHATA STAALT 1.95 108.0E

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SUCENTAGE	FREQUENCY		STNO	Spesti	AV	4000	164T1
ENCENIAGE	F4E405-161	~	#4~V	3.540	ο,	רטעה	13711

				alua.	SPEÉD (	KNOTS)			PCT	THTAL
なるごろ	CALM	1-3	4-10	11-21	22-23	34047	48+	PEAN	FREG	385
69300	4.2	10.0	60.5	74.2	.U	.5	.0	7.7	196.0	120
06600	6.0	8.7	40.3	22.5	2.5	.0			100.6	216
1261>	4.2	5.4	54.4	33.1	٠,	. U	:0	5.5	100.0	130
18621	4.6	7.0	57.3	25.4	1.6	•0	.0	5.2	100.0	165
107	42	52	382	108	9	Ú	Ü	8.2		653
PCT	6.4	8.0	55.5	25.7	1.4	.0	.0		100.0	

TARLE 5

TABLE 6

•	CT FRE			ilduð 4 3 þikfú		2:GHT (\$)							CEILIN					
HID CIR	9-5	3.4	5~7	5 E 085Ca	TETAL PBS	MEAN CLOUP COVER	000 149	156 200	300 594	905 999	1999	2000 3497	3100 4799	5000	6500 7999	800¢+	NH <5/8 ANY HGT	
٠.	3.0	1.7	9.3	3.0		5,3	• 2	. ^	.0	1.1	1.4	•0	.0	•0	.0	.2	14.6	
1.5	1.4	1.2	. 0	40		3,4	.0	• 0	.0	•0	.0	9.0	.0	• 0	.0	. 2	3.5	
£	.0	1.2		1.2		5.7	•0	• ^	.0	•0	. 6	• 5	.0	•0	40	. 5	1.8	
Šŧ	. 6		. 6	Α,		4.4	.0		n	i.h	.6		.0	•0	•0		1.4	
Š	د	4	1.1			5.5	0	in		. C	.0	.c	.0	•0	. 0	.0	.,9	
Š+	. 0	្វិត				6.8	.0	.0	Ü	.0	.0	• • •	,c	è			1.4	
Ĭ.	- 5	1.6	3.7	8.4		6.5	•6	• 6	. 0	1.7	3.4		. 3		.0	.0	10.4	
Nr.	4.1	7.5	20.4			5.6	. č		1.2	4.0	8.7	1.2	. 3	.0	• 0	.0	32.5	
VÃ.				• (		.0	.0	• 0	.0	.0	.0	•0	.0	•0	.0		.0	
CAL		1,2	4.3	1.2		5.6	.0	ñ	. 6	.0	1.2	•0		•0	.0	ió	4.9	
TOT CAS	1,5	26	71	156	1#4	4.4		• • •	• • • • • • • • • • • • • • • • • • • •	12	22	• • • •	ž		ň	• ~	117	164
TOT PCT	10.4	15.9	43.3	30.5	100.0	•	•0	.,-	7.4	7.3	15.9	148	1.2	• 6	, 6	.0	71.3	100.5

TABLE 7

# CUMUCATIVE PCT FREG DE SIMULTAMEROS DECURRENCE DE CEILING HEIGHT (NF 34/8) AND VSBV (NM)

				APBA LAW	,	_		
CEILI'S	<ul><li>78</li></ul>	• ೦೩	• SR	• .73	■ Dx	● OR	₽ 38	• OR
(FEFT)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
# PR >6500	.0	•0	.0	.0	-0	.0	•0	•0
# DR >5000	•6	•6	.0	.0	.0	.0	.0	.0
■ DR >3500	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
• D° >2000	2.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0
■ BR >1000	14.9	17.9	12.5	19.2	19.0	19.0	19.0	19.0
# DR >500	20.2	25.0	75.0	26.2	20.8	26.8	20.8	20.8
# PR >300	22.0	27.4	28.G	28.0	29.2	29.2	29.2	29.2
# AR 3150	22.0	27.4	28.0	28.6	29.2	2*.2	29.2	29.2
- 2K > 0	22.0	27.4	25.0	28.5	24.4	24.2	79.2	29.2
TOTAL	37	46	47	49	49	44	44	49

TOTAL NUMBER OF DUST 165

POT FPED NH 45/A. 70.8

....E 78

#### PERCENTAGE FREQ OF EDW CLOUDS (EIGHTHS)

7 1 7 3 A 5 6 7 8 UBSCN OBS 2.6-12-2 25-4 19-3 22-2 9-9 7 7 2-8 7-7 -0 181

SERVICE SERVIC

AREA OCO9 KARIMATA STRAIT 1.95 108.0E

VSBY			NF	ε	SE	S	Su	W	NW	VAR	CALM	PCT	TOTAL
(tik)			•	•	•-	_	-					-	365
	PCP	• • •	an.	.0	•0	•0	• 0	.0	.0	.0	•0	.0	
(1/2	NR PCP	• 0	.0	•0	•0	•0	• 0	.0	•0	.0	•0	.0	
	TOT %	.0	• າ	•0	•6	•0	• 1	• ?	•0	•0	•0	•0	
	PCP	.0	.0	.0	٠.	.0	•0	.4	.4	.0	•0	.8	
1/2<1	NO PCP		. 4	• 0	.0	•¢		.0	1.2	٠.	•0-	1.6	
	TOT &	.0	.4	•0	•0	•0	• ^	.4	1.4	•0	•0	2.3	
	PCP	.0	•0	.0	.0	•0	••	.0	.4	٠.	.0	.4	
1<2	NO PCP	.0	ü	•0	•0	• 0	• •	.0	.0	• 3	• 2	.0	
	TOT \$	• •	.0	•0	•0	•0	•0	٥.	.4	•0	•0	.4	
	PCP	••	.0	•0	.0	•0	• 2	.0		.0	•0	.4	
2<5	NO DCD	. 9	• 9	.0	• 0	.4	**	•0	.5	•0	• 0	1.2	
	101 %	٠,	•r	•0	•0	.4	• 0	۰,	۰.	•0	•0	1.6	
	PCP	.0	.c	•0	.0	•0	.0	.7	1.6	.0	• 2	2.3	
10	NO PCP	1.0	. 2	• c	.3	• 5	. 4	7.7	6.9	•0	•0	14.0	
	TOT &	3.3	. 2	•0	.3	• 5	.4	3,4	a.5	.0	•3	15.3	
	PCP	. 5	. 2	•2	.4	•0	.4	.4	1.5	٠.	.c	3.5	
10+	NG PCP	14.1	3.3	2.1	3.1	1.4	1.9	12.3	32.6	.0	4.7	75.0	
	121 \$	14.4	3.5	2.3	3.5	1.4	2.3	13.2	34.0	•0	4.7	79.5	
	TOT DBS											_	251
	TOT PCT	17.9	4.1	2.3	3.5	2.2	2.7	17.0	45.3	.0	4.7	100.0	

TAALE 9

4544 (44)	SPD					2	5¥		- 14	FAV			
	KTS	N	NE	£	SE	\$	-			-	CALM	PCT	TOTAL
	<b>)-3</b>	.0	.0	.0	.0	.0	.0	.0	. ?	.0	٠,	٠,	
c1/2	4-10	.0	.0	.0	.0	.0	.0	٠,	• 3	٠Ç		.0	
	11-21	.0	.0	.0	.0	•0	.0	.0	. 3	.0		•0	
	27+	.0	.0	•0	.0	.0	.0	•0	• ?	•0		.0	
	TOT \$	•0	.0	•0	.0	.0	٠.	.0	•0	.0	•0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
/2<1	4-10	.0	.0	.0	.0	.0	.0	.0	٠,	.0		.0	
	11-21	.0	•2	•0	.0	.0	.0	.2	1.7	.0		1.4	
	22+	٠.	٠,٥	.0	.0	٠,٥	٠,٥	٠,	.^	.0		.0	
	TOT %	٠.	.2	•0	.0	.0	• 0	.2	1.0	.0	.0	1.4	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	٠.	٠,٥	•0	•0	.0	.0	•0	, 5	,0		. 5	
	11-21	.0	٠.	,0	.0	•0	.0	.0	.0	.0		ō	
	22+	.0	٠.	.0	.0	.0	.0	.0	• 2	•0		.0	
	TOT %	.0	.0	•0	•0	.0	•0	.0	.5	.0	• • •	.5	
	0-3	.0	.0	.0	.0	<b>#</b> 0	.2	.0	•0	.0	•0	.2	
2<5	4-10		•0	• 0	.0	• 2	٠.0	• 1	.7	•0		1.4	
	11-21	.0	.0	.0	.0	٠,	.5	3.	٠.	.0		.0	
	22+	.0	.0	•0	•0	•0	.0	٠,	• 13	.u	_	. • •	
	TOT \$	.4	.0	•0	40	, 2	.2	.1	.7	.0	.0	1.7	
	0-3	•4	.1	.0	.1	• 1	.0	. 2	. 2	.0	.2	1.4	
5<10	4-10	.6	٠.٥	•0	.1	. 2	. 4	1.3	4.4	.0		7.0	
	11-21	2.1	.0	•0	.0	.0	.2		2.2	.0		5,3	
	22+	.0	• • •	•0	.0	•0	٠,	2		• 5		2	
	TOT \$	3.1	.1	.0	.2	.3	.6	2.6	6.9	٥.	•5	13,9	
	0-3	•	.0	.5	. • 7	.c	. 8	1.7	1.4	.0	£.5	12.5	
10+	4-10	10.0	2.1		1.4		1.7	8.	25.1	•0		50.7	
	11-21	5.0	.5	٠ž	٠.	.2	•	2.3	10.3	.0		19.0	
	224	0	.0	.0	0	.0	.0	0	2	.c		2	
	TOT \$	15.8	2.6	1.6	2.2	1.0	3.0	12.9	37.0	•0	6.5	82,5	
1	TOT DRS	19.3	3.0	1.6	2.3	1.5	3.6	15.8	45.9	.0		100.0	41

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PENICO: (PŘÍMARY) 1918-1973 (U.ZR-ŘLL) 1859-1973

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,这个人,我们就是我们的人,我们也不是一个人,我们也不是一个人,我们也不是一个人,我们也不是一个人,我们也不是一个人,我们也不是一个人,我们也会会会会会会会会 第一个人,我们也是我们的人,我们也是我们的人,我们也是我们的人,我们也是我们的人,我们也是我们的人,我们也是我们的人,我们也是我们的人,我们也是我们的人,我们也

TABLE 10

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PERCENT PREQUENCY UN CERLING MERCHTS (REFTANN 34/8) AND OCCURRENCE OF NM 43/8 AV MOOR

HOUR (GHT)	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	Nn <5/8 ANY HGT	TOTAL DBS
EÓ3CG	.õ	٥.	4.4	11.1	13.3	2.2	2.2	.0	٠,	•0	33.3	66.7	45
99509	.ô	•0	2.7	13.3	13.3	٠Ö	2.Ž	•0	ēŌ	•0	31.1	68.9	45
12615	.0	.0	•0	۰Õ	17.8	.0	•0	.0	ěÖ	•0	17.8	82.2	45
18621	.0	•0	2.3	4,5	15.9	4.5	٠.	•0	٠,	•0	27.3	72.7	44
TOT	0	0	2.2	_13	27	1.7	2	Õ	0	0	49 27-6	130	179

TARLE 11

TAJLE 12

		PERCENT	FRÉQUES	(LY VSB1	r (NB)	AY HOUR	Į.	CUMULAT					CHP) YRZV RUCH YRLC	
HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5~10	10+	TÖTAL DBS	HOUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/6	TOTAL OBS
£0300	• 2	.0	•0	1.1	15.2	23.7	ŶŹ	£0300	•0	4.7	16,3	18.6	65.1	43
90360	• 2	2.3	÷0	.8	14.7	81.4	129	90360	•0	4.9	19.5	14.5	65.9	41
12615	•0	1.2	*.3	3.5	17.4	75.6	86	12215	۰ô	:0	.0	19.5	80.5	41
18621	•0	1.7	٠.	1.7	10.2	86.4	118	19621	•0	2.3	9.3	18.6	72.1	43
TOT	0	6	.7	7	60	349 82.1	425 160.0	TOT PCT	0	5 3.0	19 11.3	30 17.9	119 70.8	108

TARLE 13

TABLE 14

	PERCE	ENT FRE	EQUENCY	/ OF RE	ELATIVA	HUMII	STY E	A 1546	TOTAL	₽¢T		PERC	ENT FRO	EOUFNC'	Y OF WI	ND DI	RECTIO	N BY T	48	
TEMP F	0-29	30-39	40-49	50-59	<del>60-69</del>	70-79	80-59	90-100	035	FRES	Ŋ	NE	Ē	SE	\$	SW	4	"NW	VAR	CALM
85/89 80/84 75/79 TCTAL	•••	••	•0		0	2.9 25.9 3.4	46.0 13.2 104	2.9 4.0 12	36	4.0 75.3 20.7 100.0	12.2 4.5	2.6	1.7 .0	2.7 1.1	1.1	.0 .7 .6	11.9	2.6 35.9 9.6	•0	6.6
PCT	.ŏ	.0	•0	• 0	•			5.9	•••		16.7	3.3	1.7	3.9	1.7	.7	17.0	48.1	•0	6.4

TARLE 15

TABLE 16

	MEANS,	EXTREM	ES AND	PFRCE	TILES	0F TE	HP (DE	G F) 8	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTIDIHU	BA HON	R
HOUR (GMT)	MAX	994	95×	50%	5*	1%	MIN	HEAN	TOTAL	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00603 00603 1361	91 91 90	88 89	84 85 84	81 82 81	77 77 78	76 75 76	75 73 76	80.8 81.6 81.1	119 217 133	00003 00209 1215	•0	•0	2.4	21.4 37.0 47.7	66.7 56.5 45.5	9.5 4.3 6.8	83 80 81	42 46 44
18521	87 91	8. 87	83 85	80 81	77 77	75 76	75 73	80.3 81.0	186	16821 TOT	°C	•6	•0	21.7	69.6	8.7	83 82	46 178

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PĒKIEDI (PPĪMARY) 1914-1973 (OVĒR-ALL) 1859-1973

TABLE 17

AREA 0009 KARIMATA STRAIT 1.95 108.0F

PCT FR\*0 UF %10 TEXPERATURE (DEG F) AND THE DECURRENCE OF FDS (WITHOUT PRECIPITATION) VS AIR-SFA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73 76	77 80	#1 84	85	69 92	101	FUG	NO FCJ
3136 PAC		•••	•-	•	. •		- =0	,
7/8	.0	۰۰	.0	٠,0	.8	2	.0	. è
•	٠,	.0	٠.		• 4	1	• 0	.4
5	.0	•0	.4	.0	.4	2	•0	. 6
	.0	•0	. ô	. 5	.0	4	• 2	1.5
3	.0	•0	2.1	1.6	• 0	وَ .	•9	3.7
3 2	.0	•0	8.2	1.6	.0	ž4	. 6	9.1
ĩ	. 5	. 8	6.6	1.2	• 2	26	. 4	10.3
ì	.0	7.4	19.6		.0	čě	.4	26.7
-1	.0	5.8	12.2	. 3	.0	44	• 2	18.1
= Ž	.0	3.7	7.4	.5	• 9	27	ŏ	11.1
-3	.0	5.8	1.2	.0	.6	ĨŹ	•c	7,0
-4		2.1	1.6	š		10	.0	4.1
	.5		3.	. 0	.0	14		
-5		8		• ٧			• 6	1.6
-6	.4	1.2	.0		.0	4	• Ç	1.6
-7/-8	.0	. 8	. 4	.0	• 0	3	• 0	1.4
TTAL	Ž		155	•	•	•	4	239
	•	69	• • • •		•	ā. 4	-	
				13		243		4
ĒCT	. 8	78.4	63.8	5.3	1.0	100.0	1.6	98.4

PERIOD: (OVER-ALL) 1963-1973

TABLE 18

				PC	I FREG S	F WIND	SPEED	(KTS) AND DIRE	CTION Y	ERSUS S	EA HEIG	HTS (FT	)	
				•							NĒ			
HGT	1-3	4-10	11-21	N 22-13	34-47	48+	PCT	1=3	4-10	11-21	22-33	34-47	48+	PCT
κĭ	. 6	. 6	.0	.0	. >	.0	1.4	.0	.0	.0	.0	• • •	.0	.0
1-2	.0	4.5	2.0	.0	.0	•0	6.6	.0	4.0	.0	.0	• 0	.0	1.0
3-4	.0	1.4	4.0	-0	. າ	.0	5.6	.0	•0	1.6	.0	•0	.0	1.6
5-6	.0	.0	2.4	.0	.0	.0	2.4	•3	• 0	.0	.0	•0	•0	•c
7	.0		•0	•0	.0	٠٥.	•0	.0	•0	.0	•0	•0	•0	•0
6-3	• 3	.0	.0			.0	•0	•^	•0	•0	.0	•0	•0	•0
10-11	• 2	.0	•0	•0	• 5	.0	•0	•0	•0	•6	•0	•0	•0	•0
12	. 🤉	.0	•0		• ^	.0	• 2	•0	•0	•0	•0	•0	•0	• C
:3-16	.0	.0	.0	.0	• >	.0	•0	• •	• • •	.0	.0	•0	.0	•0
17-19	•0	.0	•0	•0	.0	•0	.0	.0	•0	• 0	.0	٠Ç	•0	•0
20-22	•0	• 0	•0	• 0	•0	•0	•0	•0	.0	•0	.0	•0	•0	•0
23-25		.5	•0	•0	.0	•0	• ?	•3	•0	.0	•0	•0	•0	•0
26-32	• ?	.0	•0	.0	•0	٠.0	•0	•5	••	• 43	•0	•0	•0	•0
33-40	• 2	.0	•0	•0	.0	٠.0	•0	• 5	• 5	•0	.0	•0	•0	•0
41-48	.0	.0	•0	.0	• 0	•0	•0	•0	•0	•0	.0	•0	•0	•0
49-60	•0	.0	•0	.3	•0	• C	•0	•9	• ?	• ?	•0	•0	• 5	•0
61-70	.0	.0	•0	•0	•?	.0	•0	•0	•0	•0	•0	•0	.0	•0
71-86	• ?	.0	•0	.0	• •	•0	•0	•0	•0	•0	•0	•0	• 5	.0
874	.0	.0	.,0	•0	• 0	•0	2	• 3	,•0		.0	•0	•0	•¢
TOT PCT	. e	6.8	8.4	•0	• 0	•0	16.0	•0	1.0	1.5	•0	•0	•0	2.5
				E							\$E			
HST	1-3	4-10	11-21	22-33	34-47	49+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.8	. 8	• 0	•0	.0	.0	1.6	•0	.0	.0	.0	•0	•0	.0
1-2	. 0	.8	•0	•0	.0	.0	. 8	• 0	. 8	.0	•0	•0	•0	. 8
3-4	.0	.0	•0	.0	.0	.0	.0	.0	1.0	.0	.0	•C	.0	1.0
5-6	. 0	.0	• 0	• 2	٠٠	.0	.0	•n	•0	. 5	.0	•0	.0	•0
7	• ')	.0	4.8	.0	•0	•0	.8	•0	. 6	•0	•0	•0	.0	. 8
8-9	.0	.0	•0	.0	•c	.0	.0	•6	• 0	.0	.0	• 0	•0	•0
10-11	•0	.0	•0	.0	٠٥.	.0	•0	•0	:0	•0	•0	•0	•0	•0
12	.0	.0	•0	•0	• 0	•0	• •	.0	• 0	•¢	• 0	٠V	•0	•0
13-16	•0	•0	•0	•0	•0	٠٥	.0	•3	•0	• • •	•0	•0	•0	•0
17-19	.0	.0	.0	.0	.0	.c	٥٠	9.	•0	•0	•0	• 0	•0	•0
20-22	.0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
23-25	• 0	.0	•0	• 0	• ?	•0	•0	•0	•0	.0	•0	•0	•0	•0
26-32	• 9	.0	•0	•0	٠.	.0	•0	• 9	•0	• 0	•¢	•0	•0	•0
33-40	•0	•0	•0	•0	٠.	•0	•0	•0	•0	•0	•0	•0	•0	•0
41-48	•0	.0	•0	•0	•0	•0	•¢	• ?	•0	•0	.0	•0	•0	.0
49-60	. :	•0	•0	• • •	• 5	• ?	•0	•0	•3	.0	•0	•0	• 5	•0
61-70	• 0	.0	•0	•0	•0	•0	•0	.0	•0	•0	• 0	• 2	•0	
71-86	.0	.0	•0	•0		• 5	•0	•0	•0	•0	.0	•0	•0	.0
87+	• ?	0	•0	•0	.0	• 0	.0 3.2	•0	2.6	.0	•0	•0	•0	2.6
TOT PCT	. 8	1.6	•4	•0	• (	.0	342	• 9	2.0	•9	•0	•0	•0	2.0

									JANUARY							
PERISÕI	(DAF)		1403-1	.973				TABLÉ	14 (COMT)				AKEA		CANIMAT PS 10s	A STRAIT
				P.C	T FREO D	Ë KIND	SPEEÑ	(KT5)	ANT DIVEC	TĪĀK V	/EŘŠUŠ Š	EA HÉ15	HTS (ÉT)	)		
HŜT	1-3	4=10	11-21	5 22-33	14-67	48+	PČT		1-1	4610		\$W 22+33	34-47	484	PĆT	
<b>41</b>	,	.0	.0	.0	.0		.0		1.00	•0	11-21			7.0	.0	
1-2	ě	1.4		.0		.0	1.4		.;	.2	•0	.0	•0		.2	
3-4	.ŏ	5.5	.0		.6		•••		ó	.0	.0	•0	•0	:0	.0	
5-6	ě	c	ě.	ě		.0	.c		č	Ċ	è	.0		ŏ	ě	
7	.0	.0		.5			.0		ñ	.0	.0	.0	• 2	.0	.0	
8-9	ć	Ü		ŏ			ě		٠,		.0	.5			ě	
10-11	i.e	.0	.0		ě	.5	.0		٥	.0	.0		ě	.0	ě	
12	.ē	.0	Ď.	.,	.0	.0	.0		٥	.0	~.0	.0	.0	.0	.0	
13-16	.c	.0	.0	.0	ó	.0				.0	.0	.ŏ	.0		.0	
17-19	.0	9.	.0	.0	.0	•0	.0		.0	.0	.0		•0	.ŏ	.0	
20-22	.0	.0	.0	.0	.0	•0	.0		٨	.0	.0	• 0	• 2	ŏ	.0	
23-25	.0	٠.0	.0	.0	.6	.0			.0	.0	.0	.0	.0	iŏ	.0	
26-32	.0	.0	.0	.0	.5	.0	.0		.0	.0	.0		•0	.0	.0	
33-40	.0	.0	.0	.0	۰,0	•0	.0		, n	•0	.0	.0	•0	.0	• 0	
41-48	٠.	.0	•0	.0	٠.	•0	.0		.0	.0	.0	.0	•0	.0	0	
49-60	.0	.0	•6	•0	•0	•C	.0		.0	.0	.c	.0	•0	.c	.5	
61-70	.0	.0	• 6	•0	• ၁	.0	•0	-	0	.0	.0	•0	•0	.0	.0	
71-86	. 🤉	.0	•0	.0	.c	ã٥	•0		•0	•0	.0	•0	•0	.0	.0	
_67+	. 🖰	.0	•0	.0	•0	•0	•0		•0	.0	.0	.0	•0	٠,	.0	
TOT PCT	.0	2.0	•0	•0	•0	•0	2.0		•0	•2	•c	•0	•0	.0	:2	
				_								NW				TOTAL
HĞT	2-3	4-10	11-21	22-33	34-47	48+	PLT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1		.0		.0	.5	.0	.0			1.0	.0	.5	•3	.0	1.0	•
1-2	٠.	6.8	, A	.0	.0		7.6		.0	22.0	4.4	.0	.0	ō	26.4	
3-4	.4	3.8	1.4	.0	.0	•0	5.4		.0	9.0	9.6	•0	• 0	.0	18.6	
5-6	.0	.0		•0	.0	•0			•c	•0	4.0	.0	•0	.0	4.0	
7.	٠.	•0	•6	•0	.c	•0	.6		•0	•0	. 2	.5	•0	.0	.2	
8-9	٠,	٠.	•0	•0	••	• 0	•0		•0	•0	.5	•0	•0	-0	•0	
10-11	.c	:0	٠¢.	.0	•5	• 0	•0		•0	•C	.0	•0	•0	.0	• û	
12	.5	•0	• 0	•0	•¢	• 9	•13		• 0	٥٥	•0	•0	•3	.0	•0	
13-16	.c	.0	•¢	.0	•0	٠0	•0		•0	•0	.0	•0	•0	.0	ě0	
17-19	.0	.0	•0	.0	.0	•0	•0		•c	• 0	i.C	÷0	ΨĞ	.0	•0	
20-22	.0	.0	٠Č	•0	•0	•0	•0		•0	•0	•0	•0	•0	.0	ěŌ	
23-25	• • •	.0	•0	.0	•0	•6	•0		•0	•0	•0	•0	•0	.0	•0	
26-32	•3	•0	•0	• 2	• 0	•0	•0		•0	•0		•0	•0	•0	•0	
33-40	•\$	.0	•0	.0	•0	.0	•0		•0	•0	•0	•0	+0	•0	•0	
41-48 49-60	.0	٠.	•0	.0	•0	•0	٠,		•\$	•6	• 2	.0	*0	.0	•0	
61-70	.0	.0	•0	.0	.0	•0	•0		•0	.0	•0	•0	•0	•0	•0	
71-86	.5	.0	.0	.0	.0	.0	.0		.0	.0	.0	•0	•0	•0	•0	
87+	ŏ	:0	.0	.0	.0	.0	.0		• 2	0	.0	•0	• 0	• 0	•0	
TOT DET	• ~	10.4	3.0	.0	• • •	•0	14.6		•7	33.0	0	•0	•0	•0	.0	

U

	KIND	SPEED	(KTS)	YS SEA	HEIGHT	(FT)		
HOT	U-3	4=10	11-21	22-34	34-47	48+	FCT	TOT
<1	11.1	2.4	.0	.0	.0	.0	13.5	OBS
1-2	.0	37.3	7.1	.0	.0	. 0	44.4	
3-4	.0	15.9	16.7	.0	.0	.0	32.5	
5-6	.0	.0	7.1	.0	.0	.0	7.1	
7	.0	. 8	1.6	ŏ	.0		2.4	
6-9	.9	.0			.0		.0	
10-11	.ó		.0	.0	.0			
12	.0		.0	Š	.0	.0	.5	
13-14	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	•6		.0	.0		
20-22		•0	• 6			, ő		
23-25	.0	.0	.0	ó	•0	.0		
26-32	.5	.5	.0	. 5	.,	ñ	.ŏ	
33-40	.0	.0		.0	.5	.0		
41-46	.ŏ	.0		ŏ	.0	.0		
49-60	-0	.0			.0	.0	.0	
61-70	.č	č			ě			
			٠.	• 0		•0	•0	
71-86	•0	•0	•0	•0	.0	•0	•0	
87+	•0	•0	•0	•0	•0	.0	.0	
TCT PCT	11.1	56.3	32.5	.0	•0	.0	100.0	126

TABLE 19 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 87+ TUTAL

.0 102
.0 23
.0 3
.0 1
.0 1
.0 1
.0 1
.0 1
.0 154
.0 100.0 20.6 3.9 .0 .0 .0 .0 .0 5.2 .0 .7 .7 8.4 .21 13.6 10.4 26.6 7.1 .6 .0 .6 .0 .6 .5 35 00000000 000000000 0000000000 000000000 1.9 00000000000 0000000000 000000000 000000000 ......... 000000000 0000000000 000000000 .000000000

		-	+ +
		101-	
PERIJUI	(PRIMARY)	1919-	7/3
	1046 0 - 41 1 1		

TAGLE 1

AREA 0009 KARIMATA STRAI'

BLDCLNT ES	FOHENCY	!1E	ESATHED	GLCUKRENCE	4V MIND	DIRECTION

				-											
			•	RECIPI	TATIO	TYPE					PTHER	WEATHER	PHEND	HĒNA	
WID DIR	PAIÑ	RAÎN SHUR	DR7L	ertő Pepii	ŜNDa	UTHER PRZN PCPN	ĤAIL	PCPN AT OB TIME	PCPN PAST HDUR	TÄDR LIYG	₽Ç₽₩ 40_ #DG	POS NO POPM PAST HR	SHOKE	SPRAY RENG DUST RENG SHUR	
N E E Se S S S S	4.1 1.4 .0 13.5 14.3 .0	.0	.0 5.4 72.2 .0 .0	.00000000000000000000000000000000000000	.0	•••••	0000000	4.7 6.8 72.2 13.5 14.3	2.1 1.4 .0 .0 .0	2.1	0000000	.0 .0 .0 .0	•0	•0 •0 •0 •0	91.2 90.5 77.8 66.5 85.7 100.0 82.1 91.3
VAR Calm	4.5 11.1	1.8	.0	•0	.0 .0	.0	.0 .0	5.3 .0 22.2	1.3 .0 .c	1.1	.0 .0	.0	.0 .0	. 5	66,7
TOT PCT TOT CB5:	4.9 287	1.7	.7	•0	•0	•0	••	7.3	2,4	1.4	•ō	:0	•Ó	•0	88.9

TARLE Z

## PERCENT PRÉQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	TYPE					STHER	HEATHER	PHEND	PĒN4	
HOUR (541)	RAIN	PAIY Sawr	PR7L	FRZĞ PCPN	SNOW	ÖTHER FRZN PCPN	HAIL	PCPN AT	PCPN PAST HOUR	thur LTNG	FUG ND PCPN	PJG HÚ PCPN PAŠT HŘ	SYOKÉ HAZE	SPRAY BLWG QUST BLWG SI.Q#	
00603 06609 12615 18621	3.7 12.8 .0	2.5 2.3 1.3	2.5 .0 .0	.0	•0	.00	.0 .0 .0	2.6 15.1 1.3 .0	4.9 2.3 .0 2.0	.0 2.6 5.0	.0	.0	•0	•0 •0	96.4 82.5 96.1 92.0
TOT PCT	4.8	1.7	.7	.0	•0	.0	•c	7.2	2.4	1.7	.0	•0	•0	•0	86.7

TAPLE 3

#### PERCENTAGE PREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		WIN	n éps	ED EKNE	TS)								HOUR	(GMT)			
NO DIR	Õ=3			22-33		48+	TOTAL	PCT FR#Q	MA38 D42	00	0.5	96	09	12	15	13	51
N.	2.3	17.6	5.9	•1	•0	•0		25.9	8.4	29.1	27.8			27.3	30.0	17.6	26.9 3.0
NE E	:7	3.6	1.1	.0	.0	•0		5.3 1.4	7.6 5.7	1.2	•0	8.5 1.8	3.7 1.5	1.7	.0	1.8	• 0
ŞE	1.0	2.1	.0	.0	.0	.0		2.0	4.5	3.0	22.2	2.2	3.0	3.3 2.3	9.	2.4	6.1
ŠW	.5	3.6	7	.0	ő	č		4.8	7.1	4.3	11.1	4.6	7.5	4.8	•0	1.2	7.6
P No.	2.6	10.1	3.2 5.2	.2	0.0	J.		16.1	7.9 8.7	13.8 37.6	27.8	15.3	33.6	12.6	40.0		17.4 28.4
VAR		.0	·.c	.6	ò	ò		.0	ن. د	•0	•0	.0	.0	•0	.0	.0	.5
TOT CES	9.6	414	131	3	ə	٥	647	5.6	7.6	127	•6	3.5 167	6.0	5.0 121	•0	7.1 85	10.6
TOT BCT	15.3		20.3			.0	• • •	100.0			100.0	100.0			100.0		

TARLE 34

WND DIR	0=6	#IND 7-16	SPEED 17-27	(KYCTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	^0 03	HOUS 06 09	12 13 15	18 21
N	9.7	15.0	1.2	•0	.0		25.9	8.4	29.0	25.9	27.4	21.7
NE	2.2	3.1	. 1	•0	.0		5,3	7.6	4.8	7.2	4.2	4.0
F -	1.0	.4	.0	.0	. 0		1.4	5.7	1.1	1.7	1.6	1.0
35	2.1	. 5	.0	•0	.0		2.6	4.5	1.8	4.0	3.2	.7
ř	2.3	. 6	.0	.0	.5		2.9	4,9	2,5	2.7	2.2	4.0
91	7.7	2.0	ž	.0	.5		4.8	7.1	4.8	5.4	4.6	4.0
w	7.5	7.5	. 9	. 2	.0		16.1	7.9	13.6	14.3	13.7	23.0
Nw	12.9	71.3	1.4	•0	.0		35,5	8.7	36.9	34.6	36.5	33.1
VAR	6	.0	.0	.0	.0		.0	ò	, o	.0	.0	.0
CACH	5.6	• • •	• •				5.6	.0	5,1	4.3	4.8	8.6
TOT DAS	297	325	24	1	٥	647		7.6	136	234	126	151
TOT PET	45.9	50.2	3.7	• 2	.0		100.0	. •			100.0	

FEBRUARY

(GVER-ALL)

1918-1973

TABLE 4

PEPCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

HOUR CALM 1-3 4-10 11-21 22-33 34-47 48\* MEAN FREQ UBS

00603 5:1 8.6 67.6 18.4 .0 .0 .0 .0 7.5 100.0 136
00609 4.3 10.3 05.0 19.7 .9 10 .0 7.7 100.0 234
12615 4.0 9.5 04.3 21.4 .0 .0 .0 .0 7.5 100.0 126
12615 4.0 9.5 56.9 21.9 .7 .0 .0 7.5 100.0 151
TOT 36 63 414 131 3 0 0 7.6 100.0

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TABLE 5 TABLE A PCT FRED OF TOTAL CLOUD AMOUNT (FIGHTHS)
BY WIND DIRECTION PERCENTAGE PRECUENCY OF CEILING MEIGHTS (FT)NH 34/8)
AND OCCURRENCE UP NH <5/8 BY WIND DIFECTION MEAN CLOUD COVER AND DIR 0500 8000+ NH <5/8 TOTAL 7999 ANY HGT QBS 3.3 .6 .0 ... 1.2 .0 .0 .16 10:5 5.7 1.5 1.0 1.0 1.3 4.8 6.0 .6 40 23.3 NE SE SW W NA VAR CALM TOT LES TOT PCT 3.1 1.3 .0 .0 .0 .1 2.2 5.5 .0 .0 .2 1 12.2 7.1 1.7 .4 .0 .4 .1 2.6 4.4 .0 .6 .30 17.4 0000000000000 0000000000000 4000000100N2 14.n 3.2 .4 .0 .0 .0 19.6 .0 2.9 84 48.8 1.0 .0 .0 .0 .7 2.3 1.7 .0 .0 10 5.8 0000000000000 ........... 21.4 4.7 2.0 1.9 -.9 26.0 2.9 120 69.8 

TARLE 7

CUMULATIVE PET FRÉG DE SIMULTAMÉDUS DECURRENCE
DE CEILING MEIGHT (NM 34/8) AND VSBY (NM)

-				VSBY (NH	1)			
CEILING	• OR	· CIR	• DR	• CR	• DR	- CR	• DR	* DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ CR >6500	.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
■ OR >5000	.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
<ul> <li>DR &gt;3500</li> </ul>	1.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9
■ DR >2000	6.4	0.7	8.7	8.7	8,7	A.7	8,7	8,7
<ul> <li>tik &gt;1000</li> </ul>	17.4	20.9	20.9	26.9	20.4	20.9	20.9	20.9
<ul> <li>DR &gt;600</li> </ul>	22.7	28.5	28.5	28.5	28.5	28.5		
■ DR >300	23.3	29.7	29.7	29.7	29.7		28.5	28.5
■ DR >150	23.3	29.7	29.7			29.7	29.7	29.7
• CR > 0				29.7	29.7	29.7	29.7	29.7
	23.3	29.7	29.7	29.7	29.7	29.7	24.7	29.7
TOTAL	40	51	51	51	51	51	51	51

TOTAL NUMBER OF OBSI 172 PCT FREQ NH <5/81 70.

TABLE 7A PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

^ 1 2 3 4 5 6 7 8 UBSCD UBS .5 16.3 19.5 20.0 12.6 8.4 10.5 5.8 6.3 .0 190

e	•	•	٠	L'A	

PÉKIDUI (PRÎMARY) 1 (DVER-ALL) 1							TA	éLE Á				ARĒ	A ÕĐO∳	MARÎMATA STRAIT 1.95- 108.0E
		ρ́Ι	RCENT	FREG C	F WING	DIRECTOR WIT	TIDN M VAR	vs ācć VING V	URRĖNČI ALUES 1	E OR N	IN-DCC	URRENG V	ĒŪĒ	
VSBY (1M1)		•	٧Ē	Ė	ŠŁ	Š	514	w	NW	VAR	CAL"	PCT	TOTAL	
¢1/2	PČP NO PCP TOT %	.0	.c .c	.0 .0	•0 •0	•0	.n .n	•0 •0	•0	•0	•0	•0		
1/2<	PCP.	.0	.0	•0	•0	•0	ة. م	.0 .n	•0	•0	•0	.0		
	TOT %	.0	•0	•0 •12	•0	•0	•0	.0	•0	.0	•0	•0		
1<2	NO PCP TOT %	.0	.c	.0 .0	.0	•0	•0	.0	•0	•0	•0	•0 •0		
2<5	PCP NO PCP TOT %	1.4 1.4	•0	•0	•0 •7 •7	•0	::	.0 .7	•0	.0 .0	•0 •4 •4	3.9 3.9		
5<10	PCP NO PCP TOT %	1.4	1.5	.4	••	•0 •4 •4	2.3 2.3	1.3 4.2 5.5	1.8 3.7 5.4	•0	•7 •4 1•1	5.3 17.9 23.2		
17+	PCP NO.PCP TOT %	22.1 22.1	1.2 4.2	1,2	1.3	.3 1.2 1.5	2+1 2+1	17.1	27.1 27.5	•0	.0 1.5 1.8	1.8 71.2 73.0		
	TOT PBS	29.4	6.1	1.6	3.Ž	1.8	4.7	16.7	33.Ž	.ō	3.2	100.0	285	1

TANLS 9

是是一个人,我们也是一个人,我们们也是一个人,我们们也是一个人,我们们也是一个人,我们们也是一个人,我们们也是一个人,我们们也是一个人,我们们们们们的一个人,他

	_		_	_	_		_						
VSRY (NH)	SPO KTS	N	٧Ē	É	SÉ	5	\$h	*	44	VAR	CALM	PCT	TUTAL
	0=3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	•0	•0	.0	•0	.0	• 1	.1	.0		.2	
	11-21	.0	•0	•0	.0	•0	•0	.0	• •	•0		.0	
	22.	•0	•0	•0	•0	•0	•0	•0	.0	.0		.0	
	TOT \$	.0	•0	•0	.0	•0	.0	.1	.1	.0	.0	.2	
-	0-3	.0	.0	۰Ô	۰٥	•0	.0	٠õ	.0	.0	•õ	.0	
1/2<1	4-10	•0	•0	•0	.0	•0	.0	.0	.0	.0		10	
	11-21	.0	•0	•0	•0	•0	.0	.0	.0	.0		.0	
	22+	.0	••	•0	•0	٥٠	.0	.0	• 0	•0	_	•0	
	TOT #	•0	•0	•0	•0	•0	.0	.0	•0	•0	.0	.0	
	0-3	•0	٠Õ	•0	.0	•ó	.0	.0	.0	.0	.0	•0	
1<2	4-10	• 2	•0	•0	• 2	•0	•0	.0	.0	.0		.5	
	11-21	•0	•0	•0	•0	•0	.c	.0	• 0	.0		.0	
	22+	•0	•0	•0	•0	•0	٠٥.	.0	.0	٠.		.0	
	TOT \$	•2	•0	•0	•2	•0	.0	.0	•0	.0	•0	.5	
	0-3	.0	.0	•0	.5	.0	.2	,ô	.2	.0	.2	1.2	
2<5	4-10	1.2	•0	•0	•0	•0	.0	.5	•0	•0		1.6	
	11-21	.0	• 1	• 1	•0	•0	.0	.0	.0	.0		.2	
	22+	0	• 0	•0	•9	•0	.ç	.2	• 2	.0		3,0	
	TOT \$	1.2	•1	•1	.5	•0	.2	.5	.2	•0	.2	3,0	
	0-3	•2	-2	•0	•2	.2	.0	.3	. • •	.0	1.2	2.8	
5<10		3.1	• ?	•\$	•9	.5	1.2	2.0	3.7	.0		10.9	
	11-21	.8	.3	• 5	.0	•0	٤.	1.7	1.0	.0		4,2	
	22+	0	0	•0	•0	•0	0	0	.•0	•0		0	
	TOT %	4.1	1.3	•2	•\$	•7	1.5	4.0	4.6		1.2	17,8	
	0-3	2.5	.6	• •	.5	.2	.2	1.7		.c	5.1	12.5	
10+	4-10	15.2	3.2	• •	2.1	1.3	1.0	4.9	20.5	•0		49.5	
	11-21	5.4	.9	•1	•0	•0	.5	2.4	6.7	•0		16.0	
	22+	!	0	0	.0	.•0	0	9.0	3	٠٥		78.5	
	TOT %	23.5	4.7	1.3	2.6	1.6	2.3	7.0	28.4	.0	5.1	.4.3	
	TOT DES												432
	TOT PCT	29.0	6.1	1.6	3.5	2.3	4.1	13.5	33.4	.0	8.5	100.0	

										PEBRU	APY										
PEHIU	(DVE3-	*Y) 19								TABLE	10				AREA C	1.		08.0E	RAIT		
						PE	IÇÊNT Î	REGLEN DC	CY OF CURREN	FICIN F OF	G HEIG NH <5/	mTS (#	EETANH DUR	>4/61	AND						
		Đố: Tố:		000 149	150 299	300 599	600 999	1000	2000 3499	1500 4999	5000 6499	6500 7999	8000+	TOTA	L NH	<5/R	TOTAL				
		201	103	.0	.0	.0	9.8	15.7	7.8	3.4	.0	, ō	3.9	41.	Ž	58.A	5	1			
		Ó64	.09	.0	.0	3.0	7.3	Ŷ.1	3.6	.0	.0	1.8	•0	25.	5	74.5	5	5			
			115	.0	.0	•0	8.7	6.5	4.3	.0	.0	•0	•0	19.		8044	40				
		18:	621 31	ن. ه	٠٠	۰.	3.2	16.1	10	.0	.0	.0		25. 5		74.2	3: 18:				
		Þ	CT	.8	•0	1.1	7.7	11.5	5.5	1.1	ه.	i 5	1.1	20.		71.6	100.				
					7.5	ÁLÉ 1	1								TABLÉ	12					
			PÉPCEN	T FRE	<b>315</b> 101	7 758Y	(*i*)	פעסא אס	•		CU	HULAF	CEILIY	FREQ G HST	OF RAS	NGES DI	VSB 1810B	אַנואי) אַ אַנוטא אַ	AND/DR		
	HÖUR (GYT)	<1/2	1/2<1	. 1	€2	2<5	5<10	10+	TOTAL Cas			UUR GMT)	<150 <50YD	<600 <1	<10∂0 <b>&lt;</b> 5	1000 AN05	NH An	45/8 D 5+	TOTAL UBS		
	60300	.9	.0	1	•ć	Ž.\$	20.4	75.9	108		n	CE03	•0	•c	8.3	Ž3.:	•	58.3	48		
	<b>P</b> 0340	•0	•0	Į.	٥.	1.4 .	20.4	78.2	142		0	6036	٥٠	4.0	14.0	16.	•	72.Ò	50		
	12615	•Ĉ	:0		٠.	7.1	13.3	78.6	98			2615	•0	•6	11.6	11.		76.7	43		
	18621 Tút	•ô	ە.		•1 •	1.1	14.6 76	92.2	90 435			9621 TOT	۰.	.0	3.2 16	22.		120	31 172		
	PCT	.2	٠.		. •	3.0	17.8	78.5	100.0			PCT	.č	1.2	4.3	20.		69.5	100.5		
					L= 13											TABLÉ	-				
EMP F	<b>PERČE</b> NI 0-29 30						_		TOTAL	PET		N	PERCEN	T FREG E	とうたまい	0# WI	IG GF H2	RECTIS d	N BY TE NH	MP VAR	CAL
<b>BOF</b> P	.c	.0	.c	•0	1.9	2.3	1.4	.5	15	7.0		1.6	.8	.7	.0			9	1.0	.0	•
85/89	•0	.0	•0 •C	•0	1.4 •C	20.5	10.7	/.y 5.1	36	76.3 16.7 100.0	•	2.5	3.7 1.0	1.2	.,	. 9 . 7	2.4	9.2 5.5	27.7 4.0	.0	2.
80/84 75/79		•0	•0	•0		30.7	113 52.6	29 13.5	213	100.0	3	9.00	7.6	2.1	1.5	2.4	3.5	15.5	32.7	•0	ă,
75/79	•6															TABLE	16				
80/84 75/79 TOTAL				TARLE	15																
80/84 75/79 TOTAL PCT				TARL# RCENT!		F TEMP	(DEG	F) 8Y (	HŪUR				PEPCFNT	FREC	ENCY	OF REL	ATIVE	11 MUH	TTY BY	HOUR	
80/84 75/79 TOTAL PCT	.C		ND FEA	RCENTS		F TEMP		EAN T	UTAL		нас	ir o		_	_	0F REL 70 <b>-</b> 79	-	-		HOUR AN	
BO/86 75/79 TOTAL PCT PCT	0. 17x9,8443 10 VAM 90 1	REMES A 9% 93 69 8	ND FEA	RCENT! D%	1.FS 0 5+ 78	1% 76	41N H	EAN T	UTAL 085 133		100	IR 0 1T) 1C3	-29 30 -0	-19 (	0-69 Ò•	70=79 25.7	80-	89 90-	100 MG	AN 84	TOT:
10/84 75/79 FOTAL PCT	-0 EANS,EXTI PAY 95 90 ( 90 92 92 89	REMES A 9% 95 69 8 91 9	140 FE#	RCENT! 0% 81 82 81	1LFS 0	1%	75 6 71 8 76 8	EAN T	UTAL DBS		134 004 (G	iR 0 17) 163	-29 30	-19	0-09	70 <b>-</b> 79	80- 85 31 56	89 90-	100 M	AN	0

f#		

PĒRIJŪŠ (PRIMARY) 1918—1973 (OVER-ALL) 1857—1973 TAULE 17

AŘĒA 0009 KARÎMATA STŘALT 1.95 104.0E

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (MITHOUT PRECIPITATIONS VS AIR-SEA TEMPERATURE DIFFERENCE (DFG F)

MR-JĒA MP DIF	73 76	77 80	8;	85 66	89 92	TOT	.W FOG	FÚG
9/15	٠Ò	٠.	.0	,4	1.7	5	٠ô	2.2
7/5	.0	.0	.0	.4	.4	?	.0	.9
6	.0	.0	.0	.0	.4	i	.0	.4
š	.0		.0	. 9	.4	3	.0	1.3
4	.0	.0	0	1.3		5	·ò	2.2
3	.0	.5	. 4	. 9	.4 .4 .6	3	.0	1.3
6 5 4 3 2 1 C 1 - 2 3 - 4 5 6 6 4 7 / - 6	. 5	000000044	4.3	.9	.0	? 1 3 5 3 13	.0	5.6
			7.4	1.4	.0	22	.0	9.5
ċ	.0	6.1	20.3	.4	, č	62		20.6
á i	.4	4.8	14.7		0	4.5		20.8
	.0	5.0		.4	. a	36	.ŏ	15.5
	•0	4.3	1.7		.0	14	.0	6.1
- 7	.0	2.2		.0	ŏ	•;		3.9
		٤٠٤	1.7	• ×	•0		•0	247
-2	•0	٦.,	.4	• 0	•C	1 6	٠.	. 4
-6	.4	2.2	.0	•0	٠.	6	.0	2.6
•7/-¢	.0	.4	, c	.0	.0	1	-0	.4
TOTAL		61		18			U	231
	3		141		5	231	-	
PLT	3 1.3	25.6	141	7.4	3.5	731 100-0		100.0

PERINDI (OVÉR-ALL) 1963-1979

TABLE 18

PST FREU ČĒ WIND SPCED (KYŠ) AND DIRĒCTIUM VĒRSUS SSA HEIĞHTŠ (FT) HGT <1-2 3-4 5-6 5-7 8-9 10-11 12 13-16 17-19 22-23-25 26-32 33-45 41-48 49-40 61-70 71-86 TP-7 4-10 HGT <1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 22-23-25 26-32 33-40 41-48 40-60 61-70 71-86 71-76 71-76 1.7 1.7 1.0 1.7 1.0 1.7 1.7 1.7

PERIOD:	งกับส		1044-1	a <b>ž</b> s				i	FEBPUAI	R <b>Y</b>				AREA (	1000	V 4 D + W 4 T .	STRAIC
b€# Inht	LUVE	-4[[]	1703-1	.913				TABLE	18 (0	ONTI						95 108	
				РC	T FREG	OF WIND	SPEED	(KTS)	ÁND D	IPECT1#	n v	ĒPSUS S	EA HFIG	HTS (ÉŤ)			
			_	<b>5</b> .						_			SH				
HGT	1-3	4-10	11-21	27-33	34-47	48+	PCT				10	11-21	22-13	34-47	48+	PCT	
<1	٠,٥	.0	•0	.0	•6	•0	0				0	• 0	• 6	*0	•0	•2 •7	
1-2 3-4	0.0	1.3	0.0	.0	.0	.0	1.3				ř	.7	.0	•0	:0	:6	
5-6	ŏ	ě	ň	.0	ě	.0	.0				ó	.0	.0	ŏ	ě		
7.	ě	.0	.0	.0	.0		õ				.0	.0	.0	.0	. 0	.0	
8-9	.0	.0	ò	.0	ò	.0	.0				.0	. 2	•0	• 5	ě	.0	
10-11	.0	.0	.0	.0	.0	.0	.0			• 0	.0	.0	.0	•0	٠.	.0	
12	.0	.0	.0	٠٥.	.0	.0	.0				•0	.0	•0	• 6	.0	٠.	
13-16	•0	.0	•0	.0	•0	.0	ě0				•0	•0	•0	•0	-0	•0	
17-19	.0	.0	•0	.0	.0	٠٥.	.0				•0	•0	•0	•0	.0	•0	
20-22	٠.٥	٠.0	•0	.0	•0	•0	•0				.0	• 5	•0	•0	•0	•0	
23=25 26=32	.0	0.	0.0	•0	• 0	•0	.c			•0		.c	.0	90	.0	.0	
33-40	.0	:"	.0	.0	.0	.0	ناه			ē	Ċ		.0	.0		.0	
41-48	Ċ	.0	.0	.0	.0	.0	.0				ŏ	٠٥		.0		.0	
49-00	.0	.0	.0		۰٥	.0	.0			Ö	Ď	.0	. 0	.0	.0	.0	
61-70	.0	.0	· C	.0	.0	.0	٦٠				.0	.0	.0	.0	. 5	.0	
71-46	. 0	.0	.0	.0	.0	.0	Ç			۰.0	• 0	.0	.0	Ü	.0	.0	
87+	.0	.0	•0	.0	.0	•0	•9			•0	• 0	•0	.0	.0	٥.	.0	
TOT PCT	•0	1.3	•0	.0	•0	•0	1.3			• ?	• 7	• 4	•0	•0	•0	1.6	
				¥									ti in				TOTAL
HGT	1-3	4-10	11-21	22-73	34-47	464	PCT		•	-3 4-	10	11-21	22-23	34-47	48+	PCT	PCT
<1	1,1	. 6	•0	.0	.0	•0	1.7		-	.2 1	.1	•0	.0	•0	.0	1.3	•-
1-2	.7	4.0	:	.0	.0	•0	6.3		1		. 4	2.9	•0	•ô	٥.	20.4	
3-4	•0	2.6	2.5	•0	÷C.	•0	±.2					9.2	-0	•0	.0	11.6	
5-0	•0	.0	2.4	•0	• 6	•0	2,4			•0	.0	2.7	•7	•0	•0	2.4	
7 8 <b>-</b> 9	•0	.0	• 7	•6	• • •	•0	• ?			•0	:0	1.5	•0	•0	.0	1.5	
10=11	.0	.0	•0	•0	9.0	.¢	.c			•0 •0	.0	•0	•0	•0 •0	.0	• 6	
12	.3		.0	•0	.0	3.	•0			.0	::	.0			.5	•6	
13-16	.5	:ŏ	ó	.0		.0	.0			ň	.0	.0	.0		٥٠	ě	
17-19	. 5	.5	.0	.5	.5	.0	.0			.6	.0		. 5	.3	.5	ě	
20-22	.0	.c	.0	•0	.0	.0	.0			.0	.0	.0	.0	.0	.0	.0	
23-25	.:	.0	.0	.0	.0	•0	.0			.0	•0	.0	-0	•0	.0	•0	
26-32	.c	.0	•6	•0	.0	• 0	-0			•6	•0	•0	+0	•0	•0	•0	
33-40	• 2	:0	•0	• 3		• 0	• 0			•2	• 5	•0	•0	<b>;</b> 3	•0	•0	
41-48	.0	.0	•0		•9	•0	•0			•5	•0		•0	•0	•0	•0	
49-50	.ເ ເປ	.0	•0	•0	•6	•0	٠,			.0	.0		•0	•0	.0	•0	
61=73 71⇒86	.3	.0	0.0	.0	3.	•0	.0			•5	Ü	.0	.0	•0	.0	.0	
37+	ě	.0	•0	•0	.,	•0	.0				žů.		.0	ě	ě	.0	
TOT PCT	1.9	7.2	7.4	.0	.0	.0	16.4			. 3 19	,,	15.3	.7	•0	.,	37.1	96.2
	•••			•••	3,7				•	•••		,	• •	••	• • •		

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ENTER OF THE PROPERTY OF THE P

	KIND	ŠPĒĒĐ	(475)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	►CT	TÖT 025
<1	6.6	-2.9	.7	.0	•0	٠õ	10.2	003
1-z	2.9	30.7	6.6	.0	.5	.0	43.2	
3-4	0	14.6	17.5	. 6	.0	.0	32.1	
5-5	.0	.0	0.0	.7	.0	.0	7.3	
7	.0	. 5	2.2	. 0	.0	.0	2.2	
8-9	.0	.0	0	Š	.5	.0	5	
10-11	ŏ	ő	č	ŏ	.0	ň	.0	
12	.ŏ	č	•6	.0		.0	č	
13-16	ě	.0	.0	č	.0	ŏ	.ŏ	
17-19		•0	.0	ň	.0	.0	.0	
70-22	.0	.0		ີ້ວ		,ñ	.0	
23-25	.0	.5	.c	ó		.0	ě	
20-32	.0		.0			.0	.0	
73-4C		•0				.0	.0	
	•0	•5	•0					
41-48	.0	•0	•c	•0		•0	•0	
49-60	.0	•0	٠.				•0	
61-70	•0	•0	٠,			•0	•0	
71-86	•0	.0	•9	• 5			٠.0	
67+	•0	•0	•0	•0	•0	.0	•0	
		_		_	_			137
TOT POT	9.5	56.2	33.6	.7	.0	•0	100.0	

PERIUD: (OVER-ALL) 1949-1973 TABLE 19 PPRCENT PREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) 113 28 4 2 0 1 20 108 100.0 HEAN HGT 2 4 3 3 7 2 87+ .0 .0 .0 .0 .0 .0 5-6 4.2 4.2 .0 .0 .0 .0 1.2 16 9.5 31.0 4.2 1.2 .6 .0 .0 1.2 .6 .4 38.1 23.. 4.8 1.2 .6 .0 .0 4.8 58 34.5 0000000000 1.2 3.0 .0 .0 .0 0.0000000 2000000000 0000000000 000000000 0000000000 000000000 000000000 0000000000 0000000000

PER130:	(PR [WARY)	1917-1973
	(GVFR-ALL)	1857-1973

TABLÉ 1

AREA 0009 HARIHATA STRAIT 1,95 108,18

		_				
PERCENT	PREDUENCY	ΩF	WEATHER	DECURRENCE	BY MINE	. niběřtink

			•	REČIPI	CITAT	Y TYPE					OTHER	WEATHER	PHEND	MENA	
PIĞ CUK	4414	PAIN SHWR	1975	PRIG PCPN	KNÖH	OTHER FRZÑ PCPN	HAIL	OCON AT OB TIME	PCPN PAST Hour	THOR LTNG	FÖG HO PCPN	FOG WO PCPN PAST HR	SACKE SZAH	SPRAY SLYG DUS' BLWG SNO	NO T SIG W HEA
N NF E S S N W VAR CALM	3.6 8.7 .0 .0 7.4 6.3 1.5	3.6 2.9 .0 5.6 4.0 5.7	.0			0,000000000	00000000000	7.2 11.6 .0 .10 13.9 10.3 7.3 6.6	00 00 00 00 40 40 20 20 20 20 00	2.5 .0 .0 7.4 4.0 2.7 1.6	•••••••	.00	.0	3.2 .0	90.3 \$8.4 100.0 100.0 87.9 78.6 67.4 89.3
TOT DESE	3.7 323	2,8	.3	.0	•0	.0	.0	6.3	.0 1.5	3.0 2.5	•0	,0 .0	•0	.3	97.0 69.2

TARLE 2

DEMI CHT	EBERNSHEY	.50	BEATURE	PREHIPPERE	 

			•	RECIPI	DITAT	N TYPÉ					OTHER	HEATHER	PHĒNO	MENA	
HOUR (GYT)	RAIN	PAIN	9R7L	FRZG PCP4	SNÖW	DTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST JOUR	THOR LING	FOG 22 PCPN	FUG WE POPY PAST HR	SMOKE	SPRAY BLNG DUST BLNG SNOW	
00003 06009 12615 18621	6.7 2.2 .0 6.4	4.4 3.3 0 2.6	1:1 .0 1:3	.0	•0	.0 .0 .0	.0	11.1 6.7 .0 10.3	2.2 1.1 2.4	4.8	.0	•0	•0	.0 .0 .0	86.7 92.2 92.8 82.1
TOT PCT	3.8	2.6	.6	.0	•9	.0	•0	7.0	1.5	2.9	•0	•0	•0	.3	88.6

TARLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

-	2	<b>*1</b> 1	O SPE	ER EKNE	TS:								HOUR	(GHT)			
MMC DIR	2-3	4=10	11-21	55-33	34=47	48+	JATOT CBÙ	PÉT FRFQ	SPU	00	03	06	09	12	15	18	21
NF SF Sh No VAR CALP TOT DBS	9.7 1.7 1.8 .5 1.7 1.4 4.9 12.2	14.3 2.4 1.8 1.1 2.6 5.4 12.8 16.5 .0	2.7 .5 .1 .3 1.4 2.0	90000000000000000000000000000000000000	.00		729	2G.8 4.3 4.1 1.7 4.7 5.3 18.2 24.6	6.23320 6.3320 6.000 6.000 6.000	19.2 2.9 4.9 1.1 3.9 5.8 18.5 20.1 4.5 133	15.4 .0 .0 11.5	4.9 4.8 1.0 4.5 10.1	21.0 5.1 7.2 3.6 3.6 10.9 18.8 25.4	24.3 6.3 3.2 6.5 11.8 15.7 19.6 11.9	27.2 44.4 16.7	7.7 18.0 29.3 .0	15.9 1.8 3.7 6.7 6.7 8.5 22.0 20.1 .0
TOT PCT	37.5	57.9	11.2	.3	•1	•0		100.0			100.0					111	

TARLE 34

HND DIR	0-6	#IND 7-16	SPEED 17-27	(KNUTS) 28-40	41+	TOTAL GBS	PCT FREQ	HEAN SPD	00 03	HOU!	12 12 15	18 21
N	11.0	9.7	.1	.1	.0		20.8	6.7	20.2	23.2	23.4	14.3
NE.	3.0	1.3	•0	.0	٠.		4.3	5.2	4.1	5.0	6.3	2.1
Ę	2.9	1.0	• 1	.0	.0		4.1	5.5	4.3	3.3	3.0	2.8
4.6	.,		.0				1.7	6.3	1.0	1.7		
ς ΄	3.3	1.3		.0	.0						_ ,•7	3.1
₹u	5.1	4.1		• • • •			4.7	5.2	3.6	4.3	6.1	4.9
				.0	•0		7.3	7.0	•.3	10.3	12.4	<b>#.</b> 0
¥	10.2	7.4	•6	•0	.0		18.2	6.8	18.7	17.3	17.5	19.7
Wef	11.2	12.4	1.0	•1	.0		24.0	7.6	28.6	24.7	19.	25.4
VAR	.0	•0	.0	•0	.0		.0	.0	.0			
CALM	12.2			•••	•••		12.2.			8.1	0	0
TOT CAS	437	277	14	,	٥	729	****.		13.0		11.2	17.6
				•		147		6.0	146	247	143	173
TRT PCT	39.9	38.0	1.9	•1	•0		100.0		100.0	100.0	100.0	100.0

MARCH

PERIODI (PRIMARY) 1917-1973 (OVER-4LL) 1657-1973

AND SECTIONS OF THE PROPERTY O

TAPLE 4

AREA 0009 KARIMATA STRAIT 1.98 108.1E

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		-					
PERCENTAGE	FREQUENCY	OF	MIND	SPEED	84	HOUR	(GMT)

HOUR	CALY	1-3	4-10		SPĒĒD (		48+	MÉAN	PCT FREQ	TOTAL Des
20203	13.0	17.4	59.5	9.6	۰ō	.0	.0	A. 1	100.0	145
90360	8.1	17.4	57.1	16.6		.4			100.0	247
12615	:1.7	21.0	58.0	9.8		.0	. 5		100.0	143
18621	17.6	17.6	57.5	6.7		.0	.0	5.3	100.0	193
TOT		123	+2?	62	2	1	n	6.0		729
864	tê a	10.2	47.9	11.2	. 3	. 1	•0		100.0	

TAPLE 5

TABLE 6

•	CT FŘE			LOUD A		(ĒIGHTĀS)		1					CÉILIN NH <b>&lt;</b> 5/					
NND DIR	0-2	3-4	5-7	8_6 n650n	TOTAL CBS	CUCUS CUCUS Saver	000 149	150 290	300 499	999	1000 1999	2000 3499	3500 4797	5000 5499	6500 79 <b>99</b>	6000+	NH 45/R ANY HGT	TÖTAL OBS
N	5.0	3.7	13.4	2.5		#.0	.0	•0	.0	.0	2.1	1.7	1.0	.5	•0	.0	18.7	
NE.	. 7		1.7	1.1		5.4	•0	.0	.0	.3	. 5	•0	.5	•0	.0		2.4	
, ·	1.1	. 5	1.2	- 4		4.2	.0	.0	.0	. e	.0		.0	.0	.0	.0	2.0	
še		. 6		•0		5.5				• ?	ò	.1	ò	·õ	.0		. 1	
;			2.0	1.4		6.6	•0		. 0			• • • •	.0	•0	•0		2.8	
<b>,</b>							.0		.0					•0	ěŏ	.0	3.7	
5-	•0	. 3	3.4	3.4		7.2		•?		. • 1	2.1	• • • •						
ě	1.0	3.8	8.0	3.9		5.6	•0	•0	• •	1.6	2.4	2.2	• • •	•0	•0	•0	10.5	
No.	.9	6.1	12.6	6.4		5.6	•0	• ^	.7	2.1	5.5	2.2	. 6	•0	•0	• • • •	17.8	
VAR	.0	.0	.0	•0		•0	•0	• 0	.0	0	•0	• 0	.0	•0	•0	• 9	•0	
CAL	3.2	1.1	3.2	2.6		4.5	•0		40	2.1	1.6	.0	.0	•0	•0	.0	6.3	_
TOT COS	34	37	87	42	190	5.4	ŏ	0	٠,	14	20	14	8	1	ň	•	122	190
TOT PCT	12.6	19.5	45.0	22.1	100.0		•0	•ŏ	1.1	7.4	14.7	7.4	4.2	. 5	•ŏ		64.2	100.0

TABLE 7

#### CUNULATIVÉ PCT FRÉG DE SIMULTANEOUS OCCURRENCE DE CEILING HEIGHT (NH >4/5) AND JSBY (NM)

				VSBY LUP	4) _			
CÉILING	● DŘ	■ DŔ	● SR	• 58	• DR	• OR	• ÔR	* 08
(FEET)	>10	>5	>2	*1	>1/2	>1/4	>50YD	>0
■ BR >6500	.5	.5	.5	.5	.5	.5	.5	.5
• DR >5000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
■ DR >3500	4.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0
■ 5R >2000	12.1	12.6	13.1	13.1	13.1	13.1	13.1	13.1
■ DR >1000	25.1	27.1	28.1	28.1	28.1	28.1	28.1	28.1
• DR >600	30.7	33.7	34.7	34.7	34.7	35.2	35.2	35.2
• DR >300	31.7	34.7	35.7	35.7	35.7	36.2	36.2	36.2
• DR >150	31.7	34.7	35.7	35.7	35.7	30.2	36.2	30,2
• DR > 0	31.7	34.7	35.7	35.7	35.7	95.2	35.2	36,2
TOTAL	74.1	46	777	77	71	775	772	777

STAL NUMBER OF DAS: 199

PCT FREQ NH <5/81 63.8

TABLE 7A

PERCENTAGE FREQ OF ERY CLOUDS (EIGHTHS)

0 1 2 3 4 9 6 7 8 DBSCD DBS 4,1 13,3 17,5 20,3 19,6 11,1 10,1 2,3 7,7 .0 217

PER1001-	(PRIMARY)	1917-1973
	INVER-ALL 1	1457-1973

TABLE B

APEA UUÕU- KARĪMATA ŠTRAIT 1.95 106.1E

						-						
	٥	SRCE":T	PREC	F WIN	DIREC	CTIGH Th Var	41.40 A AZ DCC	URPENC ALUES	E 04 5	DN-BC	URRĒNC TV	E DF
	•	٩F	F	SE	S	Su	w	46	VAR	4140	PCT	TOTAL
PCP	. 0	.0	• 0	.0	•0	•0	ۋ پ	•0	.0	•0	.3	
NO PCP		.0	.0	.0	•0	• ^	.0	•0	.0	• 0	.0	
TOT \$		. 0	.0	•0	• 0	•^	. 3	•^		.0	.3	
PCP	٠.	•0	.0	.0	.0	•0	.0	.0	.0	•0	.0	
NO PCP	.0	. 0	• ?	• ?	•0	•^	• "	٠.0	.0	.0	.0	
TOT &	'n	•0	.0	•0	•0	÷n.	•0	•0	•0	•0	•0	
PĈP	. 1	.0	ة.	٠ō	•0	.0	•0	.0	•0	.0	.3	
NO PCP	.0	.0	.0	.0	.0	• 0	• 6	• 0	. 0	•0	. 0	
TOT %	.,	.0	.0	•0	•0	•0	•0	•0	•0	•0	.3	
PCP	.0	. 1	60	.0	.0	• 2	.3	.0	•0	•9	.7	
NO PCP	.1	. 1	.5	. 0	• 0	• 0		.3	.0	• 5	1.9	
101 %	. 3	-1	.5	•0	• 0	•0	.9	.3	•6	•5	2.2	
PCP		.2	.0	.0	.5	.4	.3	.3	.0	•0	2.5	
यह कर्	1.8	. 6	• • •	.3	3 . 2	3.2	4.?	3.0	.0	2.5	17.4	
TOT *	7.5	.3	.5	. 3	1.7	3.6	4.5	3.3	•0	2.5	19.5	
Prp	. 5	. 5	•0	• 5	•0	. 4	. 5	1.3	٠,	.n	3,4	
NO PCP	17.9	3.9	2.0	• 9	2.5	5.6	14.1	19.7	•0	7.5	73.9	
TOT &	10.3	4.3	2.0	• •	2.5	0.7	14.6	21.0	•0	7.5	77.3	
TOY DAS												322
TOT PCT	21.5	5.4	3.0	1.2	4.2	9.9	20.3	24.7	.0	4.4	100.0	
	PCP NO PCP TOT \$ PCP 1 NO PCP TOT \$ PCP NO PCP TOT \$ PCP NO PCP TOT \$ PCP NO PCP TOT \$ PCP NO PCP TOT \$	PCP	PRREE'ST  N NE  PCP	PRECENT FREQUENCY PRECENT FREQ	PRECEIT PRECIDENTAL  NE F SE  PCP	PRECENT FREQUENTIAL DIRECTION WITH THE PRECIPITATION WITH THE PRECIP	PERCEIT FREQ OF WIND DIRECTION PRECIPITATION WITH VAK  NEFESSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	PERCEIT FEED OF WIND DIRECTION VS GCC PRECIPITATION WITH VARVING V  NE F SE S SW W  PEP	PERCENT FREQUENTIAL DIRECTION VS DCCUMERAL PRECIPITATION WITH VARYING VALUES:    NE	PRECEIT FREQ OF WIND DIRECTION VS GCCUMPENCE DV NO PRECIPITATION WITH VARYING VALUES DV VIA No. 1	PERCEIT FEED OF WIND DIRECTION VS GCCUMPENCE DV NON-DCC PRECIPITATION WITH VARYING VALUES DV VISIBILITY NO VAR CALM PEP	### PRECEIT FREO OF WIND DIRECTION VS DECUMÉRACE DU NON-DECUMRÊNCE PRECIPITATION WITH VARYING VALUES DY VISIBILITY    NE

TABLE 9

									15187L				
V59Y (V4)	SPD KTS	N	4E	Ę	SE	S	5%	*	411	VAR	CALM	PCT	TOTAL
	0-3	.0	٠õ	ە	٠ô٠	.0	.0	.0	.0	٥.	.0	.0	
€1/2	4-10	.0	.0	• 0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	٠.	.0	.0	U	.0	.2	.0	٠.		.2	
	22+	.0	-0	•0	.0	.0	.0	.0	•0	.0		٠.	
	101 %	.0	٠٥.	•0	•0	.0	: 6	. 2	•0	.0	.0	.2	
_	0-3	.0	.0	•0	.0	.0	.0	.0	.2	.0	.0	.2	
1/2<1		•0	.0	•0	•0	٠.	.0	•0	.0	.0		.0	
	11-71	.0	•0	•0	•0	•0	.0	•0	.0	•0		.0	
	22+	.0	•0	•0	•0	٠.٥	٠.0	.0	0	.0		•0	
	TOT \$	.0	•0	•0	•0	•0	٠.	•0	.2	•0	•0	.2	
	0-3	.0	-2	•0	•0	.0	.0	.5	.0	.0	.0	.2	
1<2	4-10	•0	•0	•0	•0	•0	.0	•0	.0	.0		.0	
	11-21	• 2	•0	•0	.0	•0	.0	•0	.0	.0		.2	
	22+	•0	•0	•0	•0	•0	.0	•0	•0	•0		.0	
	TOT \$	•5	• 2	•0	•0	•0	.0	.0	•0	•0	•0	.4	
	0-3	•0	-1	.4	.0	.0	.0	.0	• 9	.0	.0	.4	
2<5	4-10	•2	•0	•0	•0	• 1	• 1	.6	• ?	•0		1.1	
	11-21	.0	. 3	• 3	.0	•0	• • •	.0	.2	•0		.2	
	224	•0	•0	•0	•0	۰۵	•0	.0	• 0	.0	_	0	
	TOT \$	• 2	•1	• 4	.0	•1	-1	.6	.2	.0	•0	1.7	
• • • •	0-3	.4	.5	• 2	-1	•1	. •	.4	.5	.0	1.9	4.6	
5<10		1.5	• 3	• 1	•1	•7	1.5	2-1	2.4	.0		3.9	
	11-21 22+	٠2	٠,٥	•0	•5	•3	•7	.6	•3	•5		2.1	
	TOT \$	2.2	٠.	•0	•0	.•0	0	3.2		.0		0	
		2.2	••	.3	•2	1.2	2.7	3.2	3.1	.0	1.7	15.5	
١	0-3	3.0	1.4		•1	8	. 6	3.6	3.3	.0	9.5	23.2	
10+	4-10 11-21	13.6	2.5	1.4	•7	1.2	4.6	10.4	15.9	•0		50.4	
	22+	2.0	.3	•0	• • • • • • • • • • • • • • • • • • • •	•1	:7	.1	3.2	.0		7.8	
	TOT %	19.0	4.4	2.2	1.0	2.1	6.1	15.5	22.5	.0	9.5	81.9	
	TOT ORS												474
	TOT PCT	21.6	5.5	2.9	1.2	3,4	9.0	19.0	26.1	.0	11.4	100.0	

HARCH

PERIOD: (PRIMARY) 1917-1973 (GVER-ALL) 1857-1973

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TARLE 10

AREA 0009 KARIHATA STRAIT 1.93 108.1E

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PREQUENCY			

4JUK (G4T)	000 149	190 299	300 599	600	1000	2000 3499	3500 4999	5000 4499	6500 7999	9000+	TOTAL	WH <5/8	TOTAL
00003	.ô	.0	1.8	12,5	8.9	7.1	1.8	•0	•0	•0	32.1	67.9	56
<b>9034</b> 0	.0	.0	1.8	3.5	17.5		5.3	•0	.0	1.8	38.6	61.4	97
12615	.0	.0	•0	7,5	15.1	5.7	3.8	1.9	٠Õ٠	•0	34.0	66.0	53
18621	.0	.0	.0	2.0	14.0	8.0	4.0	.0	.0	•0	28.0	72.0	50
TOT	0	0	2	14	30	16		1	0	1	72	144	216

TABLE 11

TABLE 12

		PERCENT	FREQUEN	C4 429	Y (NX)	ay Hous		CUMULAT					CHP) YBEV SUCH YRKE	
HOUR (GMT)	<1/2	1/241	167	ics	5<10	10+	TOTAL C#5	MOUR (GHT)	<150 <50YD	<600 <b>&lt;</b> 1	<1000 <5	1000+ AND5+	N4 <5/6 AND 5+	TOTAL DBS
Easco	.8	.0	. 1		16.8	80.7	119	€0300	•0	3.6	16.4	16.4	67.3	55
90360	•0	.,	•0	.7	13.5	95.5	139	90360	.0	2.0	4.0	34.0	56.0	50
12615	• 2	.9	.9	5.5	12.8	79.8	109	12615	۰õ	.0	10.4	29.2	60.4	48
18621	.0	٠.	••		20.5	78.5	126	19821	•0	•0	2,2	28.3	69.6	46
TOF	1	1	2	ğ 1.8	79	400 81 - 3	492	TOT	0	3		54 27.1	126	199

TAPLE 13

TABLE 14

	PERC	ENT FR	EONENC	Y UF R	ELATIV	E HUMII	DITY 8'	Y TEMP				PERC	EYT FR	SYBUC	Y 0# W	IND DI	RECTIO	N BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	90-69	70-79	99-99	90-100	TOTAL	PET	N	NE	£	SE	\$	SW	Ħ	4#	VAR	CALM
90/94 85/89 80/84 75/79 TOTAL	.0000	.0	.0	•0	1.4 .5			.0 .0 7.8 2.3 22	1 16 186 14 217	7.4 #5.7 6.5 100.0	2.8 19.1	.0 .5 4.7	.0 .3 2.1 .2	.0	.0 4.0	9.3	.0 .3 15.3 3.2	2.9 20.4 2.3	•0	.0 .5 10.1 .0
PCT	.š	.0	•6	•0	1.8	30,4	\$7.6	10.1	•••	••••	22.7	5.2	2.6	. 7	4.0	9.3	18.9	25.7	•0	10.6

TABLE 15

TABLE 16

	MEANS.	EXTREM	ES AND	PERCE	111642	DP 18	4 (0)	G +)	Y MUUR		PERL	ENT FRE	DUENCA	OF KELA	ITAE M	ATTOTAL	#1 -UUR	
HOUR (GMT)	MAX	998	95%	50%	5%	15	MIN	MEAN	TÜTAL	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	HEAN	TOTAL DAS
£6300	89	85 90	84 68	81 83	79 79	74 77	73 73	81.3	149 246	£0300	•0	•0	6.5	20.7	67.2 35.5	12.1	84 79	58
12615	91 90	90 87	85	82 81	79 78	77 76	75 76	\$2.0 \$1.2	146 194	12315 18321	.0	.0	2.0	19.3	58.0 75.4	12.0	13 14	30 37
TOT	91	90	86	#2	78	76	73	81.9	735	TRT	Ö	ő	•	67	133	22	12	227

HARCH

PERIOD: (PRIZARY) 1917-1973 (UVER-ALL) 1827-1973

TABLE 17

AREA COOP KARIMATA STRAIT 1.95 108.1E

PCT FRPG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FGG (WITHOUT PRECIPITATION) VS AIR-SFA TEMPERATURE DIFFERENCE (DEG F)

A19-5EA	73	77	81	85	89	101		NC.
THP DIF	76	80	84	ĬÁ	92	101	FÖG	FÜĞ
7/8	.0	•0	.0	.4	.4	2	•0	.7
b	.0	.0		. 4	.7	Ă	.0	1.4
5	.0	•0	٠.	1.1	.4	4	.0	1.4
4	.0	.0	.7	1.1	.0	5	•0	1.6
3	.0	•0	4.1	1.1	.0	5	• • •	3.2
2	.0	.0	4.2	1.1	.0	15	. 0	5.3
ī	.0	. 7	6.0	7	.0	21	.0	7.4
3 2 1 0	.e	.0	18.0	1.1	.0	54	•0	19.1
-2 -2 -3 -4	.ů	3.9		7	.0	54	.,	19.1
-2	.0	4,9		. 0	.0	65		23.0
-1	.0	4.6	4.2	.0		25	.13	¥.5
= 2		1.6	3.0	ñ	ñ	18		6.4
-5	- 4	7	ō		.0	'š	• 2	
-6		1.1					• ^	1.1
	.0 3	1.1	4	• 0	• (1	•	•0	1.7
TOTAL	•		205		4		0	283
		50		2:		263		
PCT	1.1	17.7	72.4	7.4	1.4	.00.0		100.0

PERIOD: (DVER-AL) 1963-1973

TABLE 1

				26	T FREG	OF WIND	SPEED	(KTS)	AND DIREC	CTION V	EPSUS S	EA HEIG	HTS (FT	2	
				N								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	1.8	•0	.0	.0	-0	1.6		• n	.7	.0	.0	.0	.0	.7
1-2	.7	15.1	1.7	٠.	•0	•0	17.5		.7	2.0	.2	.0	.0	.0	2.9
3-4	.0	3.7	4.2	•0	.0	.0	7.9		٠'n	.0	.7	.0	• 0	.0	7
5-6	.0	.0	•0	.0	.0	•0	•0		• • • • • • • • • • • • • • • • • • • •	.0	.0	.0	•0	.0	.0
.7	• 0	.0	• 0	.0	•0	•0	•0		.0	•0	.0	.0	•0	.0	.0
8-9	.0	.0	•0	÷0	.0	.0	•0		•0	• 0	.0	.0	•0	.0	.0
10-11	•0	.0	•0	•0	•	.0	.0		• ^	•0	•0	.0	•0	.0	.0
12	٠,	.0	•0	.0	.0	•0	•0		•0	•0	.0	٠٥.	•0	.0	.0
13-16	٠.	.0	•0	•0	.0	•0	•0		• ၁	•0	.0	•0	•0	•0	•0
17-19	٠.	.ç	•0	٠.	.0	.0	•0		••	•0	.0	.0	• 0	. 3	.0
20-22	• 3	.0	•0	•0	.0	•0	٠,		•3	• 0	.0	.0	• ນ	.0	.0
23-25	•3	.0	•0	.5	•0	.0	• 0		•1	•0	•0		-0	•0	.0
26-32	•5	.0	•0	.0	• 2	.0	.0		•0	•0	•0	.0	•0	.0	.0
33-40 41-48	٠.٥	.0	•0	٠.	.0	•0	•0		•0	•0	.0	•0	•0	.0	.0
49-60	٠.	.0	•6	.5	• • • •	.0	• 0		•0	•0	•0	.0	•0	.0	.0
61-70	• 0	.0	•0	•0	• • • •	•0	•0		•0	.0	•0	.0	•0	•0	.0
71-86	•0	.0	•0	•0	•	•0	•0		•0	•0	•0	•0	•0	.0	.0
	•0	•0	•0	•0	• 5	.5	• 5		• 9	• •	.0	.0	.0	.0	•0
87+ TOT PCT	.7	20.6	.0	.0	.0	•0			•2	.0	•0	•0	• 0	.0	•0
101 -61	• '	20.0	5.9	•0	•0	٠.	27.2		• 7	2.8	.9	•0	•0	.0	4.4
				Ē								SE			
HGT	1-3	4-10	11-21	22-33	34-67	48+	PCT		1-3	4-19	11-21	22-33	34-47	48+	PCT
<1	1.5	.0	•0	. 2	.0	•0	1.5		• 2	.0	.,	• • •	• 2	.0	.0
1-2	•0	. 6	•0	. 0	.0	.0	.6		.0	.0	. 5	.5	.5	.0	.0
3-4	••	.0	• 0	. າ	• 0	•0			, 0	.0	.0	.0	•0	.0	.0
5-6	•0	•0	•0	.0	.0	.0	•0		. 2	•0	. 5	.5	• 3	. 5	.0
.7.	. 3	.0	•0	• 0	.0	•0	•0		•0	•0	.0	.0	• 3	.0	•0
8-9	.0	.0	•0	•0	٠.	•0	•0		•0	•0	•0	.0	•0	.0	.0
10-11		.0	•0	.0	.0	•0	•0		• >	•0	• • • •	.0	•0	•0	.0
12	٠.٥	.0	•0	.0	. 0	•0	•0		•0	•0	.0	•0	•9	.0	.0
13-16	.0	•0	•0	•0	.0	٠0	•0		•3	.0	.0	.0	•0	.0	•0
17-19	•0	.0	•0	.0	.5	•0	•0		•0	•0	•0	.0	•0	.0	•0
20-22	•0	.0	•0	.0	.0	•0	.0		. 5	•0	•0	.0	•0	.0	•0
23-25	•9	.0	•0	. ?	.0	• 0	•0		.0	• •	.0	.0	•0	•0	•0
26-32	.0	.0	•0	•0	• • • •	•0	•0		•0	• 0	•0	•0	• 5	.0	۰.0
33-40	•0	•0	•0	•0	• 9	•0	•0		•0	•0	.0	•0	•0	•0	.0
41-48	• 2	.0	•0	•0	•¢	•0	•0		•0	•¢	.0	•0	•0	.0	•0
49-60	•3	•0	•0	• • •	•0	•0	•0		•0	•0	•0	•0	•0	.0	•0
61-70	• 3	.0	•0	.0	٠.	٠.	•¢		• 9	٠Ç	•0	٠.	•0	.0	.0
71-86	•0	.0	•0	•0	•0	•0	•6		• 5	٩Ç	•0	•0	•0	•¢	.0
87+	0	•0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	.0	• 3
TOT PCT	1.5	.6	•0	•3	.3	•0	2.0		• 5	•0	.0	•0	•0	•0	.0

PERIODI	400.50		1043-	073					haR	CH				4054		·	& STRAIT
<b>AFKIDDS</b>	.uve	-ALL)	1703-1	7/3				TABLE	18 ,	CONT				ATEA		5 108	
				Pr	T FREQ (	UF WIND	SPEED	(KTS)	ANÑ	DIREC	TISK V	ERSUS S	EA REIG	hTS (FT)			
				s									SW				
HGT	1-3	4-10	11-21	27-33	34-47	48+	PCT			1-7	4-10	11-21	22-33	34-47	46+	PCT	
<1	1.5	.0	•0	٠٥.	.0	•0	1.5			•0	1.7	•0	•0	•0	.0	1.7	
1-2	.0	1.3	•6	• 3	.3	•0	1.6			•0	4.0	. 9	.0	•0	.0	5.0	
3-4 5-6	.0	.6	•0	.0	.0	.0	ó			.0		•7	•0	•0	•0	2.4	
7	Č	.0	•0	.0	.0	.0	.0			.c.	.0	0.	•0	•0	.0	.0	
8-9	č	.0	.0	.0	.3	.ö	٥٠			,,,	.0		.0	.č	.0	٠.	
10-11	ě	.0	ě	.,	.0	ě	.č				ě				.5	.0	
12	ě		•0			.0	.0				. 5			• 6	ŏ	.0	
13-16	Ĭŏ	.0	• 0		Ĭň.		.0			.0	.0	.0		40	.0		
17-19		.0	.0	.0	,n		.0			'n	Ä	ñ		• 5	.ŏ	.0	
20-22	.c	. 0	.0	.0	• 2	.0	.0			• 0	.0	.0	.0	•0	ě	.0	
23-25	٠.	.0	.0	.0	• ")	.0	. c			.0	.0	.0	.0	•0	.0	.0	
26-32	• 0	.0	•0	.0		.0	.0			•0	• 0	.0	.0	•0	.0	.0	
33-40	•0	.0	•0	.0	• 2	.0	.0			•0	.0	•0	•0	•0	.0	.0	
41-46	.0	.0	•0	.0	.;	.0	•0			• 0	• 0	.0	.0	• G	.0	•0	
49-60	•0	٠.	• 2	•0	.^	.0	.0			•0	.0	.0	•0	.0	.0	•0	
61-70	•0	•0	•0	•0	•0	•0	.0			•0	٥٠	•0	•0	•8	•0	.0	
71-06	•0	.c	•0	.0	•6	.0	9.0			• 0	.0	•0	•0	•0	•0	•0	
87+		.0	.0	•0	.0	•0	•0			• (1	;	.0	•0	•0	•0	•0	
TOT PCT	1.5	2.0	•6	.0	.0	•0	4.0			•0	7.4	1.7	.0	•0	.0	9.0	
				w									NW				TÖTAL
HGT	2-3	4-10	11-21	22-33	34-47	48+	PCT			! = 3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	. 6	2.2	• ^	.:	• •	.0	2.5			•?	2.4	.0	•0	•0	.0	2.6	
1-2	1.3	5.3	. 6	•0	.0	.0	7.2			• •	9.9	4.2	.0	•0	.0	15.1	
3-4	.0	7.0	1.5	•0	•0	.0	8.5			•0	3,1	3.1	.7	•0	•0	7.0	
5-0	.0	.0	• 0	.0	•0	.0	•0			•0	•7	.7	.0	•0	•0	1.5	
.7.	•0	•0	•7	•0	• (	•0	• 7			• 5	•0	.0	.0	•9	•0	.0	
8-9	٠.0	٠,	• 0	• 0	. 6	•0	•0			•0	•0	•0	•0	•0	•0	•0	
10-11	.o	.0	•0	• • • •	o.	٠.5	•5			.0	•5	•5	•0	•0	•0	• • •	
12 13-16	.5	.0	•0	.0	.0	٥.	.0			.0	.0	.5	.0	•0	•0	•0	
17-19		.0	.0	2.	.0		.0			• 5	.0	3. 2.	•6	•6	.c	.0	
20=22	ě	.c	.0	• 0	.0	.6	.0			, ć	.č		.0	•0		٠٥	
23-25	ě	.č	•0	Š			.0			· e	٥		.0	.0	ě	.0	
26-32	č		•0		ő		.0			ò	.0	.5	.0	• 5	·c	č	
33-40	ď		.0	. 0		.ŏ	.0			ò	.,	.0	.0	•0	ŏ		
41-48	.5	.0	.0	.0	.6	.5	č			ñ	.0	ů.	.0	.0	.0	.0	
49-00		.0	•0	.0	.0	.0	.0			. 0	.0	.0	.0	•0		.0	
61-70	. 0	.0	.0	.0	.0	.0	.0			· o	.0	Ü		•0	ŏ	.0	
71-66	•0	.0	.0	.0	.0	.0	.0			•0	.0	.0	.0	.0	.0	.0	
87+	.0	• 0	•0	.0	.6	.c	٥.			• C	.0	.0	.0	•0	٠.	.0	
TOT PCT	1.3	14.5	5.6	•"	.0	•0	19.1			1.1	16.2	8.1	.7	•0	•0	26.1	91.9

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	KIND	SPEED	(KTS)	VS SEA	HÉIGHT	(FT)		
MST	9-3	4-10	11-21	22-33	34-47	48+	PCT	TGT
<1	12.9	8.6	.0	• 3	.0	.0	21.4	463
1-2	4.3	37.9	7.9	.0	.0	.0	50.0	
3	.0	15.7	10.0		.0	.0	26.4	
5-6	.0	.7	•7	٥	٠,	.0	1.4	
7	.0	Ċ	. 7		.0		.7	
8-9	.0	.5	.c	.0	.0	0	ö	
10-11	.0	.0	, č	, c	.c	ě	.5	
12	.0	.0	.0	š	.3	.0	.5	
13-16		.0	.c	ň	.0			
17-14	.0	.0	ž.		.0			
20-22	.0	.0			.0			
73-25	.0	c	.0	ò	.0		ŏ	
26-32	.5	.5						
33-40	.5	.5	.0	ó	.0		.0	
41-48	.5	.5			.0	ň		
49-60		.5		ő	.0	:,	.ŏ	
51-70	.ŏ	ŏ			.5			
71-86	.0	.0		ñ	.0	ŏ	:6	
67+	.0	š		. 5	.0	.0	;ŏ	
•••		**	•••	••	••	• 5	••	140
TET PET	17.1	62.4	19.3	.7	.5	.0	100.0	140

PEPIDD (SEC) &6 6-7 8-9 10-11 12-13 >13 140ET TOTAL PCT 8-9 10-11 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 3-6 4.0 2.3 .0 .0 .0 .0 .0 .0 .0 .0 .0 37.1 3.4 .0 .6 .0 1.7 75 42.9 3-4 16.0 5.1 1.1 .0 1.1 .0 .6 43 24.6 19 3 2 2 0 24 175 100.0 

\$57-1972 (194-834) 1905-1972 \$191-1972 (194-834)

TABLE 1

AREA 0009 MARIMATA STRAIT 1.95 108.1E

PERCENT PRÉBUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

			•	RECIPI	TATIO	N TYPE					STHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	· 'IN St ·R	SRZL	FR2G PC4H	SYJA	OTHER FRZN PCPN	HAIL	PCP4 AT OB TIME	PCPN PAST	THOR	POS YO PCPN	FOG 40 PCPN PAST HR	SMOKE	SPRAY ALMG DUST BLMG SNOW	ND S1G nFA
A E E S H A H A H A H A H A H A H A H A H A H	5.4 7.4 2.5 6.4 6.5 2.7 5.9 13.0	.0 4.3 1.9 .5 4.3 10.7 5.2 4.1	.0 1.9 .5 .0 5.3 .0	.00.00	000000000000	000000000000000000000000000000000000000	00000000000	5.4 11.7 16.2 7.5 16.7 11.1	4.3 2.5 7.0 3.2 5.3 5.9 .0 2.5	10.9 10.6 9.9 4.3 8.6 .0 5.2 13.6	3.30	.0 .0 .0 .0 .0 1.5	2.1	.00	61.5 79.8 83.9 79.1 77.4 76.0 76.3 67.5
TOT PCT TOT CBS:	5.4 276	2.9	.7	.0	.0	.0	٥.	9.1	3.6	8.3	.4	,4		•0	79.0

TABLE 2

DERTENT	ERFORENCY	0.0	LEATHER	SCHURESACE	EV	REMA

PRECIPITATION TYPE											NTHER	R WEATHER PHENOMENA				
H3UR (6*1)	RAIN	PAIN SHWR	CA7L	FREG	SNOF	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPH PAST HDUR	THOR	FOG WD PCPN	FUG NO PCPN PAST HR	SYOKE HAZE	SPRAY BLWG DUST BLWG SNOW		
00503 06609 12615 18621	5.2 1.4 5.8	3.9 1.3 1.4 4.1	.0 1.3 .0 1.4	.0	.0	.0	.0000	19.5 7.8 2.9 12.2	3.9 3.9 1.4 4.1	5.3 .0 11.6 18.9	1.3 1.3 .0	.0 1.3 .0	.0 1.4	•0 •0 •0	80.3 95.7 84.1 66.2	
TOT PCT TOT CBS:	5.1 296	2.7	٠,	•0	.0	.0	.0	6.4	3.4	8.8	.7	.3	•3	•0	79.1	

TARLE 3

## PEPCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		×11	40 50E	EP (KNE	175)								RECUR	(GPT)			
*10 01*	0-3	4-10	11-21	22-33	34-47	48+	TOTAL CSS	PCT FRFQ	MEAN SPD	60	03	26	29	12	15	18	21
x	2.5 2.2 3.4 2.3 3.5 2.7	6.1 5.7 7.2 11.0 5.7 6.1	.2 .4 .9 1.1 .1	.1	•0	0000000		9.0 8.4 11.5 14.5 9.3 9.6	6.3 5.9 6.5 4.9	4.3 10.5 16.9 17.3 7.9 7.5	20.8 4.2 4.2	13.0 9.2 14.8 9.9 6.1 8.4	10.7 13.6 10.0 12.9 11.4	6.7 6.1 7.2 13.3 9.1 8.7	15.0 25.0	13.5	10.4 4.9 19.4 12.5 13.9
VAR CALM TOT DBS TUT PCT	1.5 2.9 .0 16.9 276 37.9	7.8 6.2 .0 407 55.8	1.1 1.5 .0 41 5.4	.0	•1 •0 •0	••••	729	10.5 10.4 16.9	6.4 0 5.0	7.5 8.3 .C 19.5 123 100.0	20.8 20.8 .0 .0 12 100.0	10.7 11.3 .0 16.7 222 100.0	12.9 9.3 .0 5.7 70 100.0	16.1 12.0 .0 20.9 115 100.0	20.0 15.0 .0 10.0 10	6.9 5.8 .0 19.0 105 100.0	5.6 9.7 .0 16.1 72 190.0

	24	

NNO DIR	0=6	1-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL 085	PCT FRFQ	MEAN SPD-	00 03	HBU1 06 09	18 12 15	18 21
N.	5.3	3.5	• 1	•0	.0		9.0	6.0	5.Q	12.4	6.2	6.3
WE	6.3	2.1	•0	•0	.0		8.4	5.3	10.4	10.3	5.6	5.6
F	7.9	3.2	.4	.0	•0		11.5	5.9	16.1	13.6	6.6	7.9
٩E	8.4	6.0	.0	.0	.0		14.5	6.5	17.8	10.6	13.4	19.1
5	7.2	2.0	.1	.0	.0		9.3	4.8	7.0	7.4	10.4	13.1
Sw	6.5	2.0	ě	ō	. 5		9.6	5.5	7.2	9.7	9.2	1.7
w	6.6	3.5	.3	.0	.1		10.5	6.9	8.7	11.2	16.4	8.4
46	7.0	2.9	. 3	.1			10.4	6.4	9.4	10.8	12.2	9.2
VAR	.0	•0	•0	.0	3.		.0	Ö	.0	.0		
FALM	16.9		• • •	•••	•••		14.9	ŏ	17.5	14.0	20.0	
TOT DAS	525	190	12	,		729		5.7	135	192		18.6
TOT PET	72.0	26.1	1.6	.i	.i	147	100.0	3. (	100.0	100.0	125	177 100.0

3.3

							APRIL					
PERIOD: (PRIMARY) (CVER-ALL)	(CYER-ALL) 1857-1972						AREA (	0009 KARIMATA STRAIT 1.95 106.1E				
			PER	CENTAGE	FREQU	ENCY OF	HIVD SP	EED BY	אטשא	(CKT)		
	HUUR	CALW	1+3	4-10			(KN075) 34-47	48+	MEAN	PCT FREG	TOTAL OBS	
	00603 06609 12615 18621 TJT PCT	14.0 20.0 18.6 123	20.6 19.9 25.6 20.3 153	57.0 58.2 51.2 54.2 407	5.2 6.5 3.2 6.2 41	.0 1.0 .0	.0	.0	5.5 4.4	100.0 100.0 100.0 100.0	135 292 125 177 729	

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TARLE 5 TABLE 5 PCT FRED OF TOTAL CLUUD AMOUNT (EIGHTHS) BY WIND DIRECTION PERCENTAGE PREQUENCY OF CEILING HEIGHTS (FT.NH DA/8) AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION MEAN CLOUD COVER 5-7 B & TOTAL CBS 5000 6500 8000+ NH <5/8 TOTAL 6499 7999 ANY HGT UBS 500 1000 2000 3500 999 1999 3499 4999 000 149 120 300 599 N SE SE SW NA VAR CALLES TOT LES 2.3 1.4 1.8 2.9 .8 2.3 4.3 2.3 .0 2.8 38 21.0 1.1 1.7 1.2 1.0 3.9 19 2.3 1.9 5.0 2.5 2.6 2.6 2.6 2.6 2.6 2.6 5.55.716.506.3 0000000000000 .6.0 1.2.4 .0.6.6 .0.7.9 5.0 4.0 3.5 10.1 7.0 2.6 .7 5.2 4.4 .0 6.1 79 1.0 1.0 1.5 1.1 .0 .0 5 2.8 2.5 1.0 1.7 1.7 1.7 1.7 1.7 9.4 000000000000 5.2 6.1 13.4 12.4 5.2 4.4 8.7 6.4 .0 12.2 .134 74.0 181

TARLE 7 CUMULATIVE PCT FREQ DF «IMULTANEOUS DECURRENCE DF CEILING MEIGHT (NH >0/8) AND VS8Y (NM)

				VSSY (N)	!)			
CEILING	<ul><li>OR</li></ul>	• OR	- UR	■ FIR	• OR	■ OR	• GR	<ul><li>DR</li></ul>
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
■ CR >6500	.5	.5	.5	.5	.>	.5	.5	.5
• 8R >5000	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1,5
<b>■ CR &gt;3500</b>	2.1	2.1	2.3	2.6	2.5	7.6	2.6	2,6
<ul> <li>⊕ 0P &gt;2000</li> </ul>	6.2	6.2	7.7	7.7	7.7	7.7	7.7	7.7
<ul> <li>DR &gt;1000</li> </ul>	12.9	14.5	16.5	16.5	16.5	16.5	16.5	16.5
# OR >400	16.5	19.5	21.1	21.1	21.1	21.1	21.1	21.1
■ DR >300	18.0	21.6	23.7	23.7	23.7	23.7	23.7	23.7
<ul> <li>OR &gt;150</li> </ul>	19.1	22.2	24.7	24.7	24.7	24.7	24.7	24.7
* CR > 0	19.1	22.2	24.7	24.7	24.7	24.7	24.7	24.7
TOTAL	37	43	48	48	48	48	48	48

TOTAL NUMBER OF OBSI PCT FREQ NH <5/81 75.3

> TABLE 74 PERCENTAGE FREQ OF CO! CLOUDS (ETGHTHS)

•	_			-		_			PRIL.			_		_		
PĒRĮUDĪ	(PRIMARY) 1 (GVER-ALL) 1	905-1972 857-1972	:		-		-	TÅ	ible b		-		ARE	A_0009	KARIHA1	A-STRAIT
ĺ		-	, jî	ŘCĚNY	FREQ	UÉ WINI IPITATI	DIRE	CTIÔN TH VAP	VŠ BEC	URRENCE ALUES	F VIS	IN-DCC	URRENC	F-OF		
-	V58Y (44)	-	N	- NE	E	SE	· \$	Sti	* - <b>W</b>	NW	VĀŘ	CATH	PĈŦ	TOTAL	iles.	
-	-¢1/2	PCP NO PCP TOT %	.0 .6	.c :0	,0	.0	•0	• c	000	•0~ •0.	•0		,0 0			
-	_ 1/24	PCP HD PCP TOT \$-	.0 0	.0	.0 .0 .0	0 .0	.0	•9 •8 •6		- 0 - 0 - 0	.0.		.0	,	-	
-	142	PCP NO PCP TOT %	.0 .0	.0 .7 .7	.0	•0 •4 •4		.0	.0	70	.C	2•- 0•-	1.1	-	4 L	*
	245	PCP ND PCP TOT %	.0	.0		.0	•0	- 0	1.1	.0	.0	.0	1.1	•		- "-
	5<10	PCP NO PCP TOT \$	:3	<del>c</del> 7 1 . 5	2.2 2.5	3.8 4.2	.7 1.2 1.9	.4 .6 1.0	1.4 1.4	1.6	.0 .0	104 104	3.3 13,4 16.7	-		 .~
	10+	PCP NO PCP TOT %	7.5 7.7	5.7 5.9	1171 1177 1187	11.55 12.4	6.3. 6.5	4.9 5.4	8.7 9.7	1.2 7.6 8.8	0	11.2 11.2	74.6 79.3	4	٠.	,
		TOT PCT	F,3	8.5	-14.6	16.Ý.	8.4	6.8	12.2	11.1	0	13.6	100.0	270		-

				145	
4	A	Ĺ	ŧ	٠,	

							TAPLE	<u>.</u> 9					
			-	PERÇEN	T FREQ WITH V	OF-WII	VALUE	ECTION S OF V	VS_HI	ND ŠPE ITY	EO.	-	<u>"</u> – "
VSBY (NH)	SPD	N	ŊĒ	Ę	SE	5	.28	H	- MM	VAR	FALH	PET	TÕTAC ÜRS
	0-3	.0	0	٠ò	.0	ōÒ	.0:	.0.	.0	.0	٠.	.0	
<1/2	4-10	10	.9	.0	.0.		.0	.0	-•0	.0	•	.0	
	11-21	.0	.0	. 0	. Ü	.0	.0	.0-	0	.0		.0	
	22+	•0	0	•0	.0	.0	.0	:0	.0	.0		.0	
	TOT #	•0	.0	•0	.0	•0	.0	•0	••	0	.0	.0	-
	0-3	.0	.0	•0	,0	íO	.0	.0	.0	0	٠Õ.	.0	
1/2<1	4-1ñ	.0	.0	•0	.0	•0	.0	.0	.0	.0		.0	
	11-21-	•0	. U	•0	•0	.0	٠,٥	.0	.3	.0		.0	
	22+	•0	٥.	.0	.0	30	:0	.0	.0	.0		.0	
	<b>TOT</b> *	•0	•0-	.0	•0	.0	.0	.0	.0	.0	.0	.0	
	ò-3	.0	•0	•0	.3	72	"õ-		.ć	٠Ō	-0	.5	-
1<2	4-10	•0	.5	• •	.c	.0	.0	.1	. 1	.0		.7	
-	11-21	:0	.0	.0	0	-40	-0	٥.	•0	.0		.0	
	22+	•0	•0	•0	.0	.0	.5	.5	.0	.0		.0	
	<b>TOT</b> \$	.0	.5	•0	.3	.2	ن.	.1	,1	•0	.0	1.2	
	0-3	.0	.0	.2	0	.0-	.0	.2	.0	.0	.2	.7	
2<5	4-10	.0	. 2	.0	.1	• 1	. 2	.2	.2	.0		1.2	
	11-21	•0	•0	• 0	.0	•0	٠.٥	.2	.0	•0		.2	
	22+	•0	•0	•0	.0	•0	.5	• 0	•0	•0		.0`	
	101 1	•0	•2	•2	<i>i</i> 1	•1	. 2	:7	•2	.0	•2	2.2	
	0-3	.2	.5	.2		• ?	.4	.0	.2	.0	1.2	3.9	
\$<10	4-10	.3	. 5	1.5	3.1	.7	.7	1.1	2.3	• •		9.3	
	11-51	.0	.2	• 0	•0	.0	. 0	.0	• 0	.0		. 3	
	22*	• 2	2	0	0	0		0	0	٠,		0	
	TOT \$	•5	1.3	1.7	3.5	1.+	1.5	1.1	1.0	. 2	1.2	:3.4	
• • •	0-3	2.8,	1.5	2.6	1.6	2.2	2.3	- 4	2.4	.0	14.2	30.1	
10+	4-10	4.2	4.4	6.1	10.3	648	4.5	7.3	4.5	.0		46.2	
	11-21	.3	•1	1.2	••	•1	- • •	1.5	7.0	•0		4,9	
	22+ TOT \$	7.3	6.1	9.8	0		7.2	0.0	.0	.0			
	101 %	7.3	0+1	7,6	12.4	9,2	1.2	9.0	8.0	.0	14.2	63.1	
	OT DRS									_			409
,	INT PCT	7.8	8.1	11.8	16.4	10.9	8.5	10.9	10.0	•0	15.6	100.0	

962120	PERIOC: (PRIM.RY) 1905-1972 (D/ER-ALL) 1857-1972						TABLE	10				AREA (	0009		ATA STI						
						PER	CENT F	REQUEN	CV DF CURREN	CFICIN	6 HEIG NH <5/	HTS 11	EET/NI	÷ >4/\$!	AND						
			10R 147.5	660 149	150	300 599	500 999	1000	2000 3499	1500 4994	5000 6499	5500 7 <b>999</b>	3000	1074	L NH	<5/8 Y HGT	TOTAL				
			103	.0	.0	1.6	5.4	7.1	7.1	1.6	1.6	.0	• (	25.	.0	75.0	5	6			
		^6	+01	.0	1.9	3.8	1.9	11.3	3.8	.0	.0	.0	• :	3 22	. 6	77.4	5	3			
		12	615	.0	2.2	٠,	4.3	10.9	4.3	.0	.0	.0	• 6	21.	,7	78.3	4	6			
		16	1533	.0	•0	4.4	6.7	4.4	4.4	2.2	2.2	2.2	•	26	.7	73.3	4	5			
			ייי דסי	.0	1.3	2.5	4.5	17 8.5	5.0	1.0	1.0	.5	•1		•8 •0	152 76.0	20 100.				
					74	BLE 11									TABLE	12					
			PERLEY	it filf			(5.5) E	Y HOUR	;		C	MULAT			OF RA				AND/DA		
	HOUR (G#T)	<b>4</b> 1/2	1/2<	•	<b>«</b> ?	2<3	5<10	10+	TUTAL SAS			SP11	<15^ <90YD	<600 <1	<1000 <b>&lt;5</b>	1000 ANDS		<5/8 D 5+	TOTAL GBS		
	00603	•5	.:	1	. 4	2.3	11.1	54.5	165	1	C	1040	.0	1.8	10.9	14.	5	74.5	55		
	00609	• ?	•0	)	••	2.3	12.4	84.5	129	•		90390	•0	5.9	7.8	15.	7	76.5	51		
	12615	•0	•0	2	.4	3.6	14.3	79,8	84	•	;	2215	•3	2.2	3.9	13.	3	77.6	45		
	18621	.5	•	•	.0	.0	17.6	81.5	108	)	1	18621	•0	4.7				72.1	43		
	PCT	•3			.2	2.3	13. <sup>8</sup>	255 82.9	100.0			PCT	.0	3.6	9.8	14.	9	75.3	194		
				TA	(F 13											TABLE	14				
	PERCES	FRED	UENCY .	)F #Et	ATIVE	нияго	17Y BY	TEMP	TOTAL	PET			PERCE	NT FRE	ONEMEA	F SF W	14D D1	RECTIO	37 YE MC	<b>PP</b>	
7645 E	0-29 3	0-37 4	0-49 5	)-59 e	0-04 1	70-79	ag- <b>a</b> 9	90-103	Jas	FRES		•	46	Æ	SÉ	S	5 rf	Ħ	Na	VAR	CALM
90/94 85/99 80/84 75/79	• • • • • • • • • • • • • • • • • • • •	.0	.000	.0 .0		10.1 35.7	2.5 34.7 0.0	0.0 0.0 3.0	27 153 18	13.6 76.9 9.0		1.4 3.9	.0 .5 6.2 3.1	3.1 14.0	2.4 14.3 2.0	.0 .5 6.3	2.1 3.6	.0 1.4 8.9	1.6 6.3	••	.0 .5 12.6
FOTAL PCT	• 5	0	• a • 0	.0	4	91 45.7	43.2	9.0		100.0		6.5			18.7	7.7	5.9	10.8	9.0	•0	13.6
					c											TABLE	E 14				
•••	EANS, EXT	PEÞES	LND PF	TARL! RCENT!		TEMP	(DEG	F) BY	HBUR				PERCEN	T FRED	UENCY			I NUH I	DITY SY	HOUR	
							,,														

77 82.5 75 84.5 77 83.0 71 82.1 71 83.3

0-29 30-59 60-69 .0 .0 .0 7.1 .0 .0 .0 .0 .0 .0 .0

PERIOD: (PRIMARY) 1905-1972 (UVER-ALL) 1857-1972

TABLE 17

AREA ODOP KARIMATA STRAIT 1.95 108.1E

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA IPHPERATURE DIFFERENCE (UEG F)

AIR-SEA THP DIF	77 80	81 84	85 48	8• 92	TOT	¥ 606	WC FOG
11/13	.0	•0	,	1.5		.0	1.5
9/10	.0	ŏ		4.4		ŏ	
7/4	.0		. 4	. 4	1 2	.o	. 7
.,	.ŭ	.7	.0	.0	;	.5	;;
5			Ö	. 7	,	. o	7
1		.4	1.1		4		1.9
3 2 1 0		.7	2.2	- 7	2 2 5	ŏ	3.4
i	.0	3.7	3.7	.0	20	.0	7.5
å	.0	10.0	2.2	ě	35		12.7
-ì		17.5	2.6	ò	54		20.1
-2	1.1	17.9	c	ċ	51	.0	19.0
-3	i.i	4.6	, ō	ŏ	26	.0	4.7
-4	2.6	6.3	Ü	.0	24		0.6
-5	1.5	4.1			16	.0	5.0
-6		2.2			Ť	.5	2.6
-7/-8	2.2	4		.,	ż	ŏ	2.6
-4/-10	1.1	.0	.č		3	.0	1,1
TOTAL	27	• •	3+	•	-	ž	206
1.0.45	٤,	197	,,	10	268	•	-00
PCT	10.1		12.7	3.8	100.0	.7	40.3

PERIOD: (OVER-ALL) 1963-1972

				•	T FRED C	F 4IND	SPEED	(KTS) AND DIREC	v אפנד:	£4585 <b>\$</b>	EA HEIG	HTS (FT)		
HGT	1-3	4-10	11-21	N 22-33	34-47	48•	PCT	1-9	4-10	11-21	4E 22=33	34-47	49+	PCT
<1		.0	•0	.0	.0	.0	.0		. 8	.0	.0	•0	.0	1.0
1-2	1.4	3.9	ě		.0	.0	5,9	1.0	6.7	.0	.0	•0	.0	7.7
3-4	.0	.0	.0	.5	.0	.0	.0	```^	.3	. 8	. 5	• • •	.0	1.6
5-6	.š	.0	.0	.0	.0	.0	.0	• 1	.0	.0	•0	•0	.0	
7	.ŏ	.ŏ		.0	ō	.0	Ö	.0	.0	.0	.0	•0	.0	•0
P=9	.0	.0	.0	. 5		.0	.0	'n	.0	.0	.0	•0	.0	•0
10-11			.0	•0	. 0	.0	.0	.0	. 3	.0	.0	• 0	.0	•0
12	.0	.0	.0	• 2	.0	.0	.0	, n	.0	.0	•0	•0	.0	•0
13-16	.0	.0	.0	.0	. 5	.0	. 3	.0	• 0	•0	•9	• 9	.0	•0
17-19	.0	.0	.0	.0	.c	.0	.0	.0	.0		.0	• •	•0	•0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• • •	•0	.0	.0
23-25	, ò	.0	.0	.0	.0	•0	.0	.0	•0	.0	•0	•0	.0	•0
26-32	.0	.0	.0	.0	.0	.0	.0	•0	•0	.0	•0	•0	•0	.0
33-40	.0	.0	.0	.0	'n	.0	.0	•0	.0	.0	•0	•0	.0	•0
41-48	.0	.0	,0	.0	.0	.0	.0	.0	•0	•0	٠.	•0	.0	•0
49-60	.0	.0	.0	.0	.0	.0	.0	•c	.0	.0	.c	•0	•0	•0
61-70	.c	.0	.0	.0	.0	.0	.0	.0	•0	.9	•0	•0	.0	•0
71-86	.0	.0	.0	.0	. 3	.0	•0	.0	.0	.0	•0	•0	.0	.0
87+	.0	.0	.0	• ^	٠.0	.0	• 0	.5	• 0	.0	-0	• ၁	.0	.0
TOT PCT	1.4	3.9	.6	• •	.0	.0	5.9	1.5	8,3	.8	.0	•0	.0	10.8
				E							SE.			PCT
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	
<1 .	1.2	_,1	•0	. 0	•0	•0	2.0	•4	3.1	•0	•0	•0	•0	3.5
1-2	2.2	7.5	. 8	•0	.0	.0	10.4	•5	10.2	0	•0	•0	.0	10.4
3-4	.0	3.0	2.2	•0	•0	•0	5.1	•¢	3,9	1.0	•0	•0	•0	4.9
5-0	.0	.0	. 8	.0	•0	•0	.6		C	. 1	.0	•0	•0	•0
.7		.0	•0	•0	.0	.0	•	• • • • • • • • • • • • • • • • • • • •	.0	•0	•0	.0	:0	•0
8-9	.0	.0	•0	.0	• c	• • •	•0				•0			.0
10-11	٠,٥	.0	•0	.0	•0	٠.٥	•0	•0	•0	•0	.0	•0 •0	.0	.0
12	•0	٠.	•0	.0	•0	•0	•0	•0	.0			•0	.0	•0
13-16	• 3	.0	•0	.0	•0	•0	•0	•0		.0	•0	•0	:0	•0
17-19	.0	.0	•0	•0	•0		•0	•0		.0	••	•0	.0	.0
20-22	•0	.0	•0	•0	.0	•0	•0	.0	.0	.0	.0	.0	:0	ŏ
23-25	•0	.0	•0	.0	• 0	•0	•0					•0	:0	.0
26-32	•0	.0	•0	•0	.0	.0	•0	•0	.0	•0	•0	•0	.0	.0
33-40	• 5	.0	•0	•0			•0	3	•0	.0		.0	:0	.0
41-48	•0	.0	•0	••	.0	•0	•0	.0	.0	•0	•0	.0	.0	.0
49-60	• 2	.0	•0	•0	•0	, n . U	•0	•0	.;;	:8	.0	•5		.0
61-70	•0	٠.	•0	•0	•0		•0	• • • • • • • • • • • • • • • • • • • •	.0		.0	•	:0	.0
71-86	••	.0	•0	•0	•0	•0	.0	.0	ŏ	.0		ö		.0
87+		0	.0 3.7	•0	9.0	.0	19.1	••	17.3	1.9	.0	•0	.0	19.7
TOT PCT	4.1	11.2	3.7	•0	•0	.0	1701			***	•0	• • •	••	

						APRIL							AREA OCON KARIMATA STRAIT			
\$641UD1	(OVER	-ALL)	1963-1	972				TABLE	18 (CONT)				AREA		95 108.	
				Pr	T FRED (	SF WIND	SPEED	(KTS)	AND DIREC	T10N V	£≠\$US S	EA HEIG	HTS (FT)	}		
				S 22-33	34-47	48+	PCT		1-3	4-10	11-21	5 H 22=33	36-47	48+	PCT	
HGT	1-3	4-10	11-21	.0	.0	.0	2.4		•••	1.0	.0	.0	•0	.0	1.0	
41 1-2		3.3		•0	.5		3.9		ć	3.	ě		.5		3.0	
3-4	.3	1.6	.6	.0	ě	.ŏ	1.8						• 0			
5-6			.0	.0	.0	.0	ò		.0	.0	.0	.0	•0	.0	.0	
7	ě	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0			'n	.0	.0	.0	.0	.0	.0	
10-11	. 0	.0	.0	.0	.0	.0	.0		•0	.0	.0	•0	•0	.0	•0	
12	.0	.0	.0	.0	. 0	.0	.0		•0	•0	.0	•0	•0	•0	.0	
13-16		.0	.0	. 5	.5	.0	.0		٥.	.0	.0	.0	• • •	.0	.0	
17-19	.0	.0	.0	.0	•0	.0	.0		•0	•0	•0	•0	•0	.0	•0	
20-22	.0	. )	•0	•0	•0	.0	.0		• •	•0	•0	.0	•0	.0	•0	
23-25	.0	.0	٠.	.0	.0	.0	• 6		• ^	• 0	•0	٠.	•0	.0	•0	
26-32	.0	.0	•c	.0	.0	•0	•0		• 0	.0	.0	• 0	•0	.0	.0	
33-40	• 0	.0	• 0	•0	.0	• • •	. 5		• 0	• 9	• • •	• 0	• 0	.0	•0	
41-48	.0	.0	.0	.0	•0	.0	, C		• ?	• •	•0	•0	•0	•0	.0	
49-60	.0	.0	• 6	•0	• 3	.5	ن		•0	•0	•0	•0	•0	•0	.0	
61-70	• 0	.0	•0	•0	2.	.0	•0		•0	• 0	.0	••	•0	.0		
71-86	.0	.0	٥٠		• 0	٠ç	٥٠		.0 .0	.0	. 0		•0	.0		
87+	•0	0	•0	•0	٥.	.0	.0 8.1		•0	4.7	.0	.0	•0	.0		
TOT PCT	.6	7.5	•0	.0	•0	.0	0.1		••	7.	••		••	••		
				H								feb				TOTAL
HGT	1-3	4-10	11-21	27-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+		PCT
<b>&lt;1</b>	.0	1.4	•0	•0	.0	•0	1.4		1.6	0	.0	•0	•0	•0		
1-2	.6	6.3	. 8	.0	.0	٠.	7,7		2.5	2,4	.2	٠,	• 0	٠.		
3-4	.0	1.4	•0	.0	.0	.0	1.4		• • • • • • • • • • • • • • • • • • • •	.2	• •	.0	•5	•0		
5-6	•0	.0	•0	•0	٠.	•0	•0		•0	•5	•0	.0	.o	.0		
7	•0	.0	•0	•0	.0	•0	•0		.0	0.0	.0	.0	•0	.0		
8-9	.0	.0	3.	•0	.o .c	.0	.0			.0	.0	.0	.0	.5		
10-11	.0	.0	90		.0	.0	.5		.0	š	.5	.5	.5	.č		
12 13-16	.0	.0	.0	.0	.0	.0	.0		ř	.0		.0	.0	.0		
17-19	ě		.0	.0	.6		.č		٥	.0	.0	.0	.0	.0		
20-22			.0	.0	.c	.0	.č			. 0	.5		• 0	. 5		
23-25	.0		ő		.č		.0		.0	.0		.0	•0	.0		
26-32	:3	.ŏ	.0		.0		, c			.0	.0	.0	•0	.0		
33-40		.0	ě		.c	.0			•0	.0	.0	.0	•0	.0	0	
41-48	.0	.0	.0		.6	.0	.0		• 2	٥.	.0	.0	.0	.0		
49-60	.0	.0	.0			.0	.0		.0	.0	.0	.0	•0	.0		
61-70	. 5	.0	, n			.0	.0		•^	•0	.0	.0	•0	.0		
71-86	. 5	.0	.0		.0	.0	.0		•0	• 0	.0	•0	•0	.0		
87+	.0	.0	• 0		.0	.0	,0		• 0	.0	•0	•0	•0	.0		4
tot PcT	.5	9.1	.*	•0	.0	.0	10.4		4.3	2.6	.2	•0	•0	.0	7.1	85.8

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	KIND	SPEEC	(KTS)	VS SEA	PEIGHT	(FT)		
HRT	0-3	4-16	11-21	22-33	34-47	*6*	PCT	TOT DBS
<1 1-2 3-4	20.5 8.3	9.1 41.7 11.4	.c 2.3 3.8	.00	.0	.0	29.5 52.3 15.9	
3-6	. 3	•0	1.5	9.0	.0	.0	1.5	
8-9 10-11 12	.0	•0	.c .o	•0	.0	.0 .0	.0	
13-16 17-19 20-22	.0	.5	.a .a	0 0	.0 .5	.0 .0	.5	
23-25 26-32 33-40	.0	•0	.0	٥٠	.0	.0	.0	
41-49 49-60	.0	•0	.c	.0	.0	.0	.0	
61-7C 71-86 87+	•0	•0	 	.0	.0	.0	.0 .0	
TET PET	30.3	62.1	7.6	.0	.0	.0	100.0	132

PERIOD: (OVER-ALL) 1949-1972 TABLE 19 10-11 17-19 20-22 TOTAL 122 11 5 3 0 0 37 178 100.0 PERIÚD (SEC) 46 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 49-e0 61-70 71-86 .0 YEAN HGT 2 3 4 3 5-6 2.2 1.1 1.1 .0 .0 .0 •-• 13-16 .0 .0 .0 .0 .0 .0 1-2 42.1 1.7 .6 .0 .0 1.1 92 40.1 3-4 14.0 3.4 1.1 1.1 .0 .0 .0 35 19.7 7 .0 .0 .0 .0 .0 .1 .000000000 32 000000000 000000000 000000000

TABLE 1

APEA 0009 KAPIMATA STRAIT 1.85 105.0E

PEFCENT	FREQUENCY	ΩF	HEATHER	DECURRENCE	87	WIND	DIRECTION
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			,	RECIPI	TATIO	N TYPE					STHER	HEATHER	PHEND	MFNA	
MAD DIM	RAIN	PAIN SHUR	PRFL	FR7G PCPN	SNC	CTHER EXZM PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hauk	THDA LT4G	PCPN HU FDG	FOG WO PCPN PAST HP	SHOKE	SPRAY BLWG DUST BLWG SHOW	
N %F & SF \$ 5 * h \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	34.8 5.8 6.6 2.4 4.1 4.9 .0 14.0	.0 4.2 1.3 2.4 4.9	.0	.00000000000000000000000000000000000000	2000000000000	000000000000	00000000000	34.5 5.6 10.8 3.7 6.5 14.6 14.0 9.5	000000000000000000000000000000000000000	07.7 4.2 6.8 8.2 1.0 0.0 9.5	000000000000000000000000000000000000000	• • • • • • • • • • • • • • • • • • • •	•0 •0 •0 •0 •0 •0	.0	65.2 86.5 87.3 89.5 85.3 84.0 100.0 76.7
TOT PCT	5.1 257	1.9	.8	.0	.0	٥.	.:	7.8	•0	5.8	٠.	.0	,4	• •	60.4

TAPLE 2

PERCENT	FREQUENCY	OF WEATHER	DECUMBENCE	AV M'III

			0	RECIPI	TATIO	TYPE					CTHER	KEATHER	PHEND	MENA	
HCLR (GMT)	RAI%	PAIN	PRTL	FRZG PCPN	NON	OTHER FRZN PCPA	HAIL	PC PAT EC	PCPN PAST HDUR	THOR LTNG	FOG HO PCPN	FUG WO PCPN PAST HR	SHOKE	SPRAY BLHG DUST BLHG SNOW	
03603 06609 12615 18621	8.5 5.3 1.6 5.5	4.2 2.5 .0	1.4	.0	.0	.000	• • • • • • • • • • • • • • • • • • • •	14.1 10.1 1.6 5.6	•0	.0 0.2 20.4	.0	.0 .0 .0	.0 .0 1.9	.0 .0 .0	85.9 89.9 90.2 74.1
TOT POT TOT DAS:	5.7 265	1.9		.0	٠.	.0	-0	8.5	•0	6.0	•0	.0	.4	.0	55.7

TARLE 3

## PERCENTAGE PREQUENCY OF MINT CIPECTION BY SPEED AND BY HOUR

-42 JI*	7+3			22-37	015: 34-47	48+	TUTAL CBS	FFT FRED	VE4N	00	03	96	43UR 09	(G#T)	15	16	21
							1.03	FX-6	5 <b>&gt;</b> D								
N 55 6 56	1.2	1.3 2.3 13.4 25.5	.6 7.8 4.4	• • • • • • • • • • • • • • • • • • • •	.0 .0 .0	0000		3.1 5 17.9 34.7	6.7 7.7 7.5 8.0	2.6 1.0 16.8 38.0	26.5	5.0 4.7 22.4 35.6	6.0 5.9 16.4 34.3	1.0 1 14.8 33.9	12.5 12.5 37.5	6.7 13.7 36.7	1.4 5.8 15.2 26.8
\$ <b>.</b>	3.1	7.3	1.6 .P	.1	•0 •0	•0 •0		15.6	6.3	23.1	13.2	11.9	15.7	12.2	25.0	17.3	17.4 16.7
74°	1.5	2.0	. 3	0.0		•••		3.1	5.8	1.7 2.6	2.9 •0	2.6 3.1	3.7 6.7	4.1 6.1	0.0	3.3 2.7	5.1 2.9
157 PG7	132	424 65.6	99 19,6	.3	•0	.: :	646	8.2 100.0	6:7	4.8 104 100.0	5.9 17 166.0	8.2 208 100.0	6.0	15.3	.0	6.7	

TABLE	34

AND DIR	0-6	#INC 7-16	SPEED 17-27	(KNOTS) 28-40	4:•	TOTAL CBS	PCT FREQ	MĒĀN GPG	00 03	H1U 06 09	12 15	18 21
N NE P SE E SH W NA CALM TOT THE TOT T	1.7 2.2 8.7 14.2 9.1 5.8 2.0 2.4 .3 8.2 350	1.2 2.0 8.9 19.3 6.2 3.4 1.0 1.4 .0	.2 .3 .4 1.2 .0 .0 .0 .0	•0	•••••••••••••••••••••••••••••••••••••••	645	3.1 4.6 17.9 94.7 15.0 9.2 3.1 3.8 .0 8.2	6.7 7.5 8.0 9.5 9.4 3.8 5.0 9.7	2.7 15.2 37.0 21.7 9.7 1.4 2.7 .0 5.0 121	5.3 5.0 20.9 35.3 12.8 2.9 4.0 7.6 275 160.0	4.7 14.6 34.2 13.2 8.7 3.8 5.7 14.2 106	0.7 0.3 14.4 14.8 14.8 4.2 2.8 0.0 7.0 144

A	•	

						MAA					
PERILD: (>RIMAPY) 1919+197 (7/FR-66() 1858-197						TERLE 4				APEA	0009 KARIMATA STRAIT 1.85 108.0E
		bE4	CENTAGE	FREQU	ENCY SF	#143 SP	EFD 8Y	HOUR	(SYT)		
+2i:4	C41*	1-3	4-10			34-47	45+	YEA7	PCT FREQ	77121 085	
3:6n3 n66n9 2:515 1662b 12* PC*	7.5 7.6 43	10.7 13.5 .3.2 10.4 79	65.3 65.1 67.3 59.4 424 65.6	19.0 19.1 10.4 12.5 13.6	.0 .7 .0 .0 ?	• •		6.6 5.8	100.0 100.0 100.0 100.0	121 275 106 144 646	

*18,£ 5	TAPLE 6
POT FRED OF TOTAL CUBLD ANDING (FIGHTHS)	PERCENTAGE PREGUENCY OF CEILIN

	_	6		JUIREC					- [ - [ . v	4.0 30	COHKIN	CE LE	NH 45/	8 BY W	1 40 0	PECTI:	>4/8) ]\	
•N0 712	•	3	5-7	-85C-	T7*4.	chalo caves	000 149	15^ 299	30°	600 333	1494		3500 • 199	5000 5499	6500 7999	8000+	NH 65/A	
N N N N N N N N N N N N N N N N N N N	**************************************	3 · F · F · F · F · F · F · F · F · F ·	1.3 8.4 15.7 4.2 4.1 1.3 7.1  5.4	.3 1., .6 .7 2.6	19~ 100-0	7.6 4.5 4.8 4.9 5.7 5.5	000000000000000000000000000000000000000		0.000.000.046	.063 2.663 .030 .030 .695	231	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.000000000000000000000000000000000000	000000000000000	.00.00.00.00.00.00.00		2.8 2.8 20.6 11.2 4.9 3.2 7.1 9.1 112 72.7	154 100.0

-4466 -CLY LITTUE PCT FREE DE SIMULTAMEDUS OCCURRENCE CE (ELLING MEIGHT (NM \$4/8) 4ND 1584 (NM)

				455Y (**	3			
(61,115	• ~4	• CR	■ CR	• **R	• De	• ^2	• -R	• 3R
FEF*	>.0	>5	>2	>1	>:/2	>1/4	>5072	>0
• TR >65no	. 6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
<ul> <li>nk &gt;50ng</li> </ul>	.5	1.3	1.3	1.3	1.3	1.3	1.5	1.3
• FR 53553	3	1.9	1.9	1.4	1.5	1.5	1.9	1 6
<ul> <li>TR &gt;2000</li> </ul>	5.1	8.3		1.5	9.6	•.3	9.0	3.0
o ** >****	15	. 5.3	17.3		:6.5	:8.0	:6.6	
e ma beuri	?	(2.4	2002	(3.7	24.4			10.0
• ** >3.4	5.7	25.0				24.4	24.4	24,4
			25.0	26.3	26.9	26.9	26.9	76.9
• 74 >:50	:6.7	25.0	25.6	26.3	70.9	25.9	74.9	20.9
• ^* > .	:e.7	25.6	26.3	2t.9	27.6	27.6	27.6	27.6
<sub>2</sub>	?6	40	41	42	4.3		43	63

PST FREG NH <5/81 72.4

TABLE 74

PERCENTAGE FREG DE LOW CLOUDS (EIGHTHS)

^ 0 2 3 4 4 6 7 8 08540 585 1.9 15.4 22.2 21.5 41.1 6.7 4.3 6.6 6.0 .6 162

PERIUDI	(PRIMARY)	1919-1972
	I CHEA-ALL A	1464-1073

TABLE	8
-------	---

AREA 0009 KARIMATA STRAIT 1.85 198.UF

V58Y			NE	E	SE	S	5 **	W	164	PAR	CAL :	PCT	TOTAL
(411)				•									085
	PC#	.0	• ?	. 0	.0	• 0	• ^	• 0	• 2	. 9	• ^	•0	
<1/5	NO PCP	•¢	• 0	.0	.0	•0	•0	.0	•0	•0	• ?	.0	
	TOT \$	•0	.0	• 0	•0	•0	•0	.0	•0	•0	•0	.c	
	PCP	.c		.0	.0	•0	•0	.0	.0	.0		.4	
1/2<1		٠.	.0	.0	.0	•0	•0	•0	• C	.0	•0	.0	
	TOT %	•0	٠,	• າ	• >	•0	• •	•0	•0	.0	. 4	.4	
	PCP	٠,	٠,	.3	.1	.0	•0	• 0	.0	.0	•0	.4	
1<2	NG PCP	.0	.0	• 0	• 0	• 0	•^	•0	• 0	•0	+0	.0	
	TOT %	٠.	•0	.3	• 1	•0	• ^	•0	•0	•0	• 3	• •	
	PCP	.7	٠,	• 2	.0	.4	.0	.0	.0	.0	.0	. 6	
2<5	NO PCP	•c	.0	. 4	. 8	.6	.2	. *	• 0	.0	•5	2.3	
	101 %	.7	• 2	.4	.8	1.0	• 2	• •	•0	•0	•0	3.1	
	PCP	.6	.0	. 8	. 6	•0	.4	.0	.2	.0	. 4	3.1	
5<17	NO PEP	٠.	. 5	2.3	7.2	3.1	2.1	•0	1.6	.0	1.2	18.3	
	TOT \$	1.4	.0	3.1	8.0	3.1	2.4	•0	1.5	•0	1.0	21.4	
	PCP	•c	.1	.7	.5	.7	. 8	• 2	.4	.0	•3	3.1	
+01	NO PCP	• 7	4.5	11.7	27.5	11.6	4.4	2.2	2.0	•0	6.2	71.6	
	TOT \$	.7	4.9	12.4	24.3	12.5	5.2	5.2	2.4	.5	6.2	74.7	
	TOT COS												25
	TOT PCT	2.7	5.1	10.1	37.2	16.5	7.0	2.6	7.2	.0	8.2	100.0	

TABLE 9

				PERCEN	I FREG WITH V	OF WING	P DIR	CTION OF VI	VS WI	NO SPE	ED		
V58Y (4")	SPD KTS	N	46	E	SE	\$	SH	•	44	VAR	CALM	PCT	TOTAL
	J-3	.0	٠.	.0	.0	.0	. 0	.0	.0	.0	.0	.0	
<b>C1/2</b>	4-10	.0	.0	.0	.0	.0	.0	.0	.3	.0		.3	
	11-71	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	•0	•0	•0	.0	٠.	.0	.0	• 0		.3	
	TOT %	.0	•0	.0	•0	٥.	•0	•0	.3	•0	.0	.3	
	0-3	•0	.0	.0	•0	.0	.0	.0	.0	.0	.3	. 3	
1/2<1	4-10	.0	.0	.0	.0	.0	.0	. 0	.0	.0		•0	
	11-21	.0	.0	•0	.0	•0	•0	.0	•0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	.0	•0	•0	٠٥.	.0	.0	•0	•6	.3	.3	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	.0	.0	.0	.0	.0	•0	.0	.0		.0	
	11-21	.0	.0	. 2	. 1	•0	• 0	•0	.0	.0			
	22+	.0	.0	•0	•0	.0	.5	.0	.0	.0		.0	
	TOT %	•0	•0	•2	.1	.0	.0	. 3	••	.0	••	,3	
	0-3	.0	.0	.3	.0	.5	.1	.0	.0	.0	.3	1.0	
2<5	4-10	.1	•0	.1	. 4	.5	-1	.3	-1	. C		1.6	
	11-21	• \$	.3	•0	.3	.0	.0	•0	•0	.ū			
	22+	.0	.0	.0	•0	.0	.0	.0	٠.	.0		.0	
	TOT %	. 4	.3	.4	.6	. •	-1	. 3	.1	.0	.3	3,4	
	0-3	. 5	.0	.5	.0	.c	.0	٠.0	.5	.0	1.0	2.6	
5<10	4-10	. 3	.0	1.2	4.9	1.0	1.4	.0	. 3	•0		9.9	
	11-21	.1	.0	. 5	1.2	.3	.3	•0	. 4	.0		2.9	
	22+	•0	.0	•0	•0	.0	٠.٥	.0	• • •	•0		0	
	TOT \$	9	•0	2.3	6.1	2.1	1.7	•0	1.2	.0	1.0	15.3	
	0-3		3.	1.2	2.5	3.4	1.2	. 5	. 9	.0	7.0	17.7	
10+	4-10	1.1	2.9	9.4	21.4	9.0	4.5	1.6	1.9	.0		51.7	
	11-21	.0	• 2	2.9	6.5	1.1	.0	٠,	.0	.0		10.9	
	22+	.0	• 1	. 2	.0	.0		.0	.0	.0	_	3	
	TOT \$	1.5	3.8	13.6	30.3	13.5	5.4	2.4	2.8	• 0	7.0	80.5	
	TOT DAS	2.8	4.0	16.5	37.1	16.5	7.5	2.7	4.4	.0	8.5	100.0	185

PERIODI	(PRIMARY)	1913-1972
	AUGUER-ALL L	1050-1072

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在这个时间,我们就是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们们的时间,我们 第一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们

TARLE 10

AREA 0009 KARIMATA STRAIT

PERCENT	FREQUENCY OF				>4/81	AND
	DCCURREN	ICE DE NI	4 くう/さ まり	HUUR		

HÐUR (GHT)	000 149	190	300 549	600 999	1000 1999	2000 3499	9500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL ODS
00603	.0	.0	2.3	+.5	6.5	6.5	.0	.0	.0	•0	20.5	79.5	44
90360	.0	.0	2.1	5.5	14.0	12.5	.3	د.	.5	• 2	37.5	02.5	48
12615	.0	.0	.0	2.9	8.6	2.9	2.9	٠.	•0	2.9	20.0	80.0	35
18821	3.0	.0	0.1	0.1	0.:	3.0	.0	•0	٠,	300	27.3	72.7	33
TOT	1	0	. :	9	15	11	1	0	0	. :	43	117	160

T48\_2 1.

-191F 15

PERCENT FREQUENCY VSBY (INT) BY HOUR								CUMULATIVE POT FRED DE MANGES DE VSRY (NM) AN CEILING MOT (FEFT)NM >6/8)8Y HOUR								
HOUR (GMT)	€1/2	1/2<1	1<2	2<5	\$<10	10+	TUTAL GS\$	HOUR (G4T)	<150 <104D	<500 <1	<1000 <5	1000+ 4ND5+	NH <5/8 AND >+	TOTAL ORS		
00203	.0	.0	.c	4.0	13.0	83.0	100	00603	•0	2.3	7.0	14.0	79.1	43		
96609	٠,٥	.8	. 5	3.1	13.8	81.5	130	<b>40300</b>	•0	4.3	14.9	23.4	61.7	47		
12615	1.3	.0	٠,	5.3	21.1	72.4	76	12615	•0	•0	3.0	18.2	78.8	33		
16621	• 2	.0	٥.	1.2	19.8	79.1	56	19251	3.0	9.1	:5.2	12.1	72.7	33		
TOT	1	1	.3	:3	54 16.3	312 79.6	392 100-0	TOT PCT	1	6.5	16	27 17.3	113	156		

PERCENT PRESURNCY OF RELATIVE MUMIDITY BY TEMP TOTAL TOTAL TOTAL TOTAL TOTAL DESCRIPTION OF THE PROPERTY OF TH 2.8 10.4 2.0 0 2.8 10.4 2.0 0 .0 24.3 39.0 5.0 .0 .0 2.3 1.7 7 73 12 4.0 41.2 40.7 7.9 000000 .00000 2 1.1 45 75.4 123 69.5 7 4.0 177 100.0 . . . . . . . 00000

PERCENT FREQUENCY OF WIND DIPECTION BY THMP .0

TARLF 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR	MAX	998	95%	50"	5*	14	MIN	MEAN	TOTAL
(GMT)							•		DBS
60300	94	90	86	83	78	73	72	83.0	119
90360	93	٠:	89	65	79	77	72	84.4	264
12615	94	**	86	83	€C	72	72	83.1	102
18621	86	85	84	83	<b>●</b> C	78	7¢	82.4	143
TOT	94	90	88	83	79	77	72	83.5	628

TABL 5 16 PERCENT PREQUENCY OF RELATIVE HUMIDITY BY MOUR

0-29 30-59 60-09 70-79 80-89 90-100 MEAN TOTAL 385
.0 .0 .0 2.2 41.2 45.7 10.9 A1 45
.0 .0 6.6 50.6 37.7 4.9 78 61
.0 .0 2.6 42.1 47.4 7.9 80 38
.0 .0 2.6 23.1 61.5 12.8 A3 39
0 0 7 7 75 86 16 80 184

PERIOD: (DRIMARY) 1913-1972 (OVER-AL!) 1858-1972

TABLE 17

AREA OCOS MARIMATA STRAIT 1.85 108.0E

OCT FREG OF MIP TEMPERATURE (DEG F) AND THE OCCUPRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE FDEG FN

IR-SEA	69 72	73 76	77 80	81 84	85 88	89 92	>02	זפו	FOG	#B #36
9/10	. ي	•0	.0	, ř.	.0	.0	. 9	2	• 9	. 9
7/8	.0	.0	.0	٠.	.0	.0	. 4	1	.0	.4
	.0	.0	.6	1,3	.0	. 9	.0	5	.0	2.2
3		. 5	10		1.7	.0	ò	6	. 0	2.6
4321011273 -1273 -1570	.0	• 5	.0	1.7	1.7	.0	. 6	1 5 6 8	.0	2.2 2.6 3.5
ī	•0	.0	.0	2.2	7.0	.0	ن و	21	.0	7.4
ā	٥	.0	٥.	13.5	5.5	.0	. 0	45	.c	20.1
- ì		.0	.0	17.2	6.1	.^	.5	42	.0	10.3
-2	:-	•	.0	10.5	1.3	.0	.3	28	.0	12.3
-3	:0	.0	. ,	10.4	.4	. 0		. 27	.0	1
-6	.0	. 0	. 4	7.^	. 9	.0	.5	19	.0	6.3
-6	• • • • • • • • • • • • • • • • • • • •	.0	. 9	2.5	. 4	.0	.0		.0	4.C
-6	- [-	• ?	1.7		• 1	• 2	. 2		.c	2.2
-7/-ô	. c	. 5	1.4			•0	• •		. 0	1.7
-0/-10	.4	.0	. 4	. 4	. 3	. 0	.0		.0	• • •
11/-13		- 2	្នា	٠,		٠.			. 6	
TOTAL	• 2		دا	•	90	•••	. U	•		729
		و	•••	146	-	2	•	229		•
¢ر∓	٠.	ق د و ۱	4.07	144	25.2	. ?	1.3	100.0		100.0

PEHIND: (C.ER-ALL) 1943-1972

TA8L# 15

				PC	T FRES 3	e #:.3	59223 (	(TS) AVT 717E	tion v	\$25J\$ \$	EA MEIS	4T\$ (FT)		
#G*	1-3	4-10	11-21	22-33	34447	48+	PCT	1+2	4-10	11-21	22+33	34-47	48+	PCT
G		. 5	^	• 0		.0	.0	1.5	1.0	.0		• 0	.0	1.7
1-2	. 3		• 0	.0	٥.	.0	.0	• ^	2.9	٠,	.5	. 0	.0	2.9
3-4	٠.	. 5	• 2	•0	.0	.0	.c	•^	1.0	. 2	• 2	•0	.0	1.4
5-6	. :	.0	• ^	. C	.5	• 0	٥.	•	• 3	.0	3.	• 0	.0	.0
7	.0	.0	•^	. 2	.0	.0	. 5	•6	• 3	•^	•0	•0	.0	•0
6-0		.0		• 12	• •	.5		•	٠,٥	.0	.0	•^	. 2	.^
.0-11	• 5	٠.	• *	. 0	,^	.0	•c		.0	• • •	.0	•0	.0	.0
12	• :	. 2		• 5	. •	.0	• 5		.0	•	.0	•0	.0	٠,
:3-:5	.:	٠.		• 0	.^	•0	•:	• • • • • • • • • • • • • • • • • • • •	.0	• 6	.c	•0	. 0	٠٥
17-19	• *	.0		•0		.0	.0	• າ	• 3		.0	•0	.0	•0
20-22	• 2	.0	• ເ	.0		•≎	٥٥	•0	•0	•^	.0	•0	•0	•0
23-25	.5		• 5	. າ	• •		٥.	• • • • • • • • • • • • • • • • • • • •	• 3	. 0	.0	•0	•0	•0
26-32		.0	•^	.3	• ^	•0	•0	•5	ن پ	٠,٥	.0	•0	.0	.0
330	.:	.0	•	• ^	• ^		• 6	• •	• 0	• • • • • • • • • • • • • • • • • • • •	•0	•0	• :	• 0
41-49	.0	.0	• ^	.0	•^	.0	•0	•^		.0	.0	• 0	٠.	•0
49-50	• 3	٠.	• ^	. 0	• 5	. 5	٠.	• 3	٠٥.	• 0	-0	•0	٥,	.0
61-70	• 0	.0	•^	٠,	• ^	• 3	,5		• ?		. 2	•0	.0	•0
71-50	.:	. 3	• *	• 0	• • •		•¢		٠.	. :	.5	• 3	.3	•0
67+	.:	٠.	•^	• 3		.0	• 2	•^	• າ	• •	. 0	•0	٠.	•0
+7+">(+	• *	.0	•^	• 0	•	•¢	.0	1.0	*. ŧ	• •	• 2	•0	.:	6.5
MGT	1-3	4-15	11-21	22-13	34-47	48+	727	1-3	4-10	11-21	\$£ 22•33	34-47	48+	PCT
<7		1.4	****	.,	^	3.0	3.8	• • •	2.4			.0	• • •	2.0
1-2	•	:0.5	. 9		.n	.3	13.1		19.3	2.9	.5	• 5		22.4
3-4	• •	3.1	• • •	,			3.5	::	0.7	3.0		•••	.:	10.5
5-5	:2	7,0	• • •	.6	::	,š	7	š	. 5	5.5		• 0	.5	5.0
77				.0			·L					ë	.5	
9-9		.0					•	•^	.0	.0	. 6	•0	.0	.0
10-11	•	.0	• 5	•0		. 3	,c		·	. 3	• 0	.0	.0	• •
12	. 0	.0	•^		.0		.0	10	.0	. 3	• 5	•0	.0	•0
13-16		. 5	• 1	.0	• • •	.;	• 3	• •	.0	• າ	.0	• 3	.0	•0
17-19	• •	.0	•^	.0	. ~	•0	• ^	•^	.0	• 0	• 5	• 3	٠٥	•0
20-22	.5	.0	٠,٢	.0				•^	•0	•0	.0	•0	.0	.0
23-25		. c	. 0	.0		.0	•0	•0	.0	•0	.5	•0	.0	.0
26-32	.0	.0	•^	٠.	. 1	.0	•0	0.0	•0	.0	.0	•0	.0	.0
33-40	. 0	.0	.0	.0	٠	•0	• C	.0	.0	.0	.0	•0	.0	•0
41-48	.0	.0	.0	•0	٠.	.0	.0	•0	.0	.0	•0	•0	.0	.0
49-50	.0	. 1	•0	.0	. 0	.0	.0	• 6	•C	.0	.c	•0	.0	.0
61-70		.0	•0	.0		.0	.0	•	.0	.0	.0	•0	.0	.0
71-86	. 0	.0	•0	.0	•	.0	. 5	• 5	•0	•¢	.0	•0	.0	.0
87+	٠.	.0	•0	.0	•^	.0	• 6	•0	•0	.0	.0	•0	٠٥.	.0
TOT PCT	2.4	15.0	5.4	.7	•0	٠.	23.1	.5	28.3	11.9	.0	•0	.0	40.7

869.30	. (11) 5:	•	1963-1	972					444				AUFA	0000 8	ARTMAT	4 STRAIT
SEKTOR:	1012	******	1703-1					TABLE	16 (CUNT	,					\$ 108	
				PC	T FREC	OF WIND	SPEED	(KT5)	AND DIRE	CTION V	EPSUS S	EA HEIG	HTS (FT)			
нст	1-3	4=10	11-21	S 22-33	34-47	43+	PCT		1-3	<b>6-10</b>	11-21	5 H 22-13	34-47	44.	PCT	
46'	1.0	.7	.0	.0	34-47	.0	1.7					.0	.0	.0	. 2	
1-2		7.1	.0	.0		.5	7.1		•0	2.1	,,	.0	.0	.0	2.1	
3-4	:3	1.7	ň		Ü		1.7		ě		. 6			.0		
5-6	.5	·ò	0	.5		.0	, ć		ě	ō	.0		.0	. 6	.0	
7	.0	.0	.0	.0	.0	.0	, č		• 2	ن		.0	.0	.0	.0	
8-9	.5	. 0	.0	.0	. 6	.0	.0		٨	.0	.0	.0	.0	. 0	.0	
10-11	.0	.0	.0	.0	. 5	.0	۰		.0	.0	.0	. C	.0	.0	.0	
12	.0	.0	.0	.0		•:	٠.		2.	.0	•0	.0	.0	.0	•0	
13-16	.0	.0	. ^		.0	.0	.0		.0	•0	.0	•0	•0	.0	.0	
17-19	• 0	.0	• 0	ر.	•0	.0	.0		•^	•0	•0	.0	•0	.0	•0	
20-22	• 0	.0	٠'n	.0	9	.0	• 0		• ?	ۍ.	٠.	٠٥	•0	.0	•0	
23-45	. 3	.0	.0	.0	• 1	. ၁	•0		.5	.0	.0	.0	•0	.0	.0	
26-32		.0	.0	.0	• 0	•0	•0		• ^	• 0	٠.	.0	•0	•0	.0	
33-40	.0	.0	• (	٠.	.0	.0	•0		• 0	• 0	• G	.0	•0	•0	.0	
41-48	• •	.0	• (	.0	•0	٠,	•c		• ?	•0	•0	.0	•0	•0	•0	
49-00	• 3	.0	•0	.0	.0	•0	• 0		9.0	• 0	•0	.0	•0	•0	.0	
61-70	• 0	. 5	*6	•0	• ^	.0			•5	*0	•0	.0	•0	.0	• 0	
71-86	• )	•0	*0	.0	~ n	•0	.0		•0	•0	••	• ^	• 0	•6	•0	
87+		.0	• 0	.0	ڊ <b>.</b>	٠٠			•2		ي.	٠,	•5	•0	.0	
*0* *C*	1.0	9.5	•0	.0	• 0	.0	10.5		•6	2,4	.0	.0	.0	.0	7.4	
				_												TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PET		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	1.0	.0	••	.0	.0	٥.	1.0		.0	1.9	.0	.5	.0	.0	1.9	-
1-2		1.0	.0	.0		.,	1.0			٠.5	1.0	.0	.0	.0	1.0	
3-4	.0	.0	.0	.0	. c	. 5	.0		.0	.0	.0	.0	.0	.c	.0	
5-0	.0	.0	.0	.0		٠.	• 0		•¢	• 0	.0	٠.	•0	.0	.0	
7	٥.	.0	.0	-0	٠.	.0	٠.		•3	•0	• ?	.0	٠٥	.0	.0	
8-9	.:	.0	. 9	.0	.0	.0	•0		•0	. 3	.0	• 0	•0	• 0	.0	
10-11	.0	.0	•0	.0	-n	• 3	• 0		•0	.0	•0	٠.	•0	.0	.0	
12	.0	.0	•0	.0	•0	.0	•0		•0	•0	.0	.0	• 2	•0	•0	
13-16	٠.	.0	• ^		. 5	•0	•0		•0	٠,٥	•0	•0	•0	•0	•0	
17-19	.:	.0	٠,	.0	• ?	.e	• 0		•0	•0	•0	•0	• •	•0	•0	
20-22	•6	• 0	•0	.0	•0	٥.	•0		•0	•0	•0	.0	•0	.0	.0	
23-25	•0	.0	•0	.0	•0	• 6	•0		• 5	• 5	•0	.0	•3	•0	•0	
26-32	•0	.0	•0	.0	•^	•0	٥.		•0	•0	• 2	• • • •	•3	.0	• ?	
33-40	•0	.0	.0	.0	٠٤	• 0	•c		· n	•0	•0	•0	•0	.0	•0	
41-48	•÷	٠.	•0	.0	• :	٠.	•0		•0	•0	•0	•0	•0	٠.	•0	
49-00	٠.	•0	•0	.0		•0	• 5		•0	• 2	.0	.0	•0	•0	•0	
61-70	. 2	.0	•0	.0	• 3	٠,	٠.		•0	.0	.0	•0	•0	٠.	•0	
71-86	• ?	.0	•0	.0	:3	٠,	٠,		.0	.0	.o .o	•0	.0	.0	•0	
87+	1.0	0	•0	٠,	•	.0	1.5		3.	1,9	1.0	•0	•0	:0	2.9	87.6
TOT PLT		1.0	•0	.0	• 0	• 0	4.07		• 7.	4,7	1.00	•7	• 17	• •	6.7	0/49

	* IND	SPEED	(KTS)	VS SEA	MEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	797 985
<1	17.0	7.5	.9	.0	.0	. 1	25.5	
1-2		42.5	5.7	. 0	. 0	.0	49.1	
3-4	.0	17.2	5.7		. 5	.0	19.5	
5-6	.5	.0	5.7	.0	.0	.0	5.7	
7	.5	,5		c	.0		.5	
8-9	.0	Ö	•¢		.0	.0		
10-11	.:		.c					
12						5.	.0	
13-16		.5	.c	ě	.5		3:	
17-19				č			.c	
20-22		.0	.c		.0			
73-25	3.	ŏ			, ŭ		٥:	
26-32		.5				.0	.0	
33-40					.ŭ	.ŏ		
	.0	•0		٠,			٠,	
41-48	٠,٥	.0	•0	•0		.0	•0	
49-60	٠.٥	•0	•0			.0	•0	
41-75	.ç	٥.	٠,	•¢	.0	.c	•c	
71-86	٠.	• 5	•0			.0	•0	
87•	•0	• C	• 0	.c	3.	.0	•0	
								106
177 PCT	17.9	62.2	:7.4	. 4		••	106.0	

PERI 101 (GVER-ALC) 1949-1977 PRP13D (SEC) (6 6=7 8=9 10=11 12=13 >13 140FF TOTAL PCF 8-9 17-11 .C .C .O 0 TOTAL 98 9 2 0 0 21 130 100.0 MEAN HGT 2 3 5 87• .0 .0 .0 .0 .0 .0 .0 18.5 2.3 ......... 000000000 000000000 000000000 000000000 00000000 000000000 \*3.1 .8 .0 .0 .0 .0 .8 .2 \*7.7 000000000 000000000 000000000

PERIODI	(PRIMARY)	1913-1972
	44	

TABLE 1

AREA 0009 KARIMATA STRAIT 1.95 108.1E

DEDCENT EDECHENCY	25	W-494-				
PERCENT FREQUENCY	13.0	PETANER	いじじいかかをかじた	Đγ	MIN"	DIPPCTION

			•	RECIPI	LITAT	TYPE					STHER	#E4THE#	PHEND	MENA	
FND CI#	RAIN	AIN SHER	PRZL	PPTG PCDV	SNOW	THER ERZY PLPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THER LTNG	FRE 40 PCPN	PUG NO PCPN PAST HR	SACKE SSAH		
٧.	16.7	.0	.0	٠.	.0	.0	.c	16.7	.0	.0	.:	.0	.0	•0	83.3
٧F	.0	.0	10.5	. 3	• 0	. Ġ	.0	10.5	·ŏ	10.5		٥٠	ŏ	š	78.9
E	5.9	. 3	4.3	.0	.0	٥.	.c	8.0	.0						89.9
S E	. 5	٠.٠	٠.٠		3.	::			3.0	2.1	• 0	٠,	•0	• ?	
5	1.5		.3		.0	.5		1-1		4.7	•0	• 0	•0	•0	90.3
Š.							.0	1.5	7.3	7.3	•0	•0	•0	• 2	83,9
-	6.2		8.2	• 0	.0	• 6	•¢	* 6.3	12.2	14.4	.0	. (	•0	• 0	53.1
	28.6	.0	o.	٠.	• 3	.0	.0	78.0	•5	.5	٠.	.0	.0	.0	71.4
<b>\</b> •	.0	.0	.0	•^	. 2	.0	.0	٦.	• 0	.ŏ	.0	.0	.0		100.0
√AR	.0	٠.	.0	.0			.0		.6		.5		•0		.5
CACH	5.9	٠.	٠.	•0	٠.	٠٠	•6	5.9	5.4	23.3		.õ	•0	.5	64.7
TOT PET	2.8	.3	1.4	.0	.0	.0	•c	4.2	3.0	0.3	٠.	.0	•0	• 2	85.7

TABLE 2

PERCENT	FREGLENCY	C.F	MEATHER	CCC: BBEACL	AV LOUR

			•	RECIPI	CITAT	TYPE					OTHER	MEATHER	PHEND	MENA	
HEUR (GYT)	RAIN	PAIN	5876	FRZG PCPV	SNOW	OTHER FRZN PCPN	HAIL	PCP% AT	PCPN PAST HOUR	THOR LTNG	FDG +3 PCP%	FUG WJ PCPN PAST HR	SYOKE H4ZE	SPRAY BLWG DUST BLWG SNOW	
00609 00609 12:15 18621	2.7 2.6 2.9 2.6	.0 1.3 .0 .3	2.7 .0 1.5 1.3	.000	.0	.0	.0 .0	4.; 3.£ 4.4 3.8	4.1 3.8 1.5 5.1	1.4 ) 10.2 12.6	.00.0	.0 .0 .0	•0	•0 •0 •0	90.4 92.3 77.9 78,2
TOT PCT TOT CBS:	2.7	.3	3	.0	.0	.0	•¢	4.0	3.7	7,4	•0	•0	•0	•0	54.8

TARLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

				En IK			_						HOUR	(G4T)			
+43 SIR	3-3	4-10	11-21	72-33	34-47	48+	TOTAL	<b>6667</b> 5€2	580	30	<b>33</b>	26	39	12	15	18	21
V VE E SE S N N CAL TOT CBS	.7 1.5 2.6 1.3 .4 .1 .6 .0 6.3 106	1.2 3.2 13.7 26.9 10.1 3.4 .8 1.1 .0	.9 9.7 14.2 2.3 .4 .4 .3 .0	0.14600000 57		200000000000000000000000000000000000000	76¢	2.4 21.1 45.0 13.7 4.1 1.5 1.8 0.3	0.07 8.7 9.4 7.6 9.2 0.2 0.2	1.3 3.1 22.5 51.7 14.8 2.3 .0 1.7 .5 120	53.5	2.1 5.5 24.2 45.5 12.6 2.5 2.3 5.5 217 100.0	35.3 9.2 5.2 2.2 2.2 .0 5.4	41.5 16.3 7.3 1.7 2.1 .0 7.5 120	30.0 5.0 5.0 15.0 .0	17.2 4.9 1.8 .0 9.8	2.7 4.7 17.3 41.3 16.7 4.0 2.0 10.7 75

7481	4 4

atD SIR	0-6	#142 7 <b>-</b> 16	SPEEC 17-27	(KNCTS) 28-40	41+	TOTAL DBS	PCT FREQ	SPD	00 0 <b>3</b>	#3U 60 70	12 12 15	18 21
AR CALM	1.4 2.5 7.7 15.0 6.3 2.7 .7 .0 6.3 329	.7 1.8 12.3 20.0 6.9 1.3 .7 1.1	1.005	.0		700	2.2 4.4 21.1 45.0 13.7 4.1 1.5 1.6	6.0 6.7 6.7 7.6 6.7 9.0 7.2	1.1 2.8 22.4 52.1 15.5 2.1 .0 1.5 .0 2.2	2.8 5.6 24.4 44.1 10.2 4.3 1.0 2.3 .0 5.5	1.2 4.6 19.6 40.6 15.4 7.1 2.7 1.9 .0	2.7 3.5 15.4 44.4 17.0 3.2 2.7 1.1
TOT PET	43.3	50.8	5.8	• 1	.0		100.0		100.0	100.0	100.0	100.0

JUNE

						,	•				
PERIOD: (PRIMARY) 1913- (OVER-ALL) 1858-						TARLE	•			AREA 0001	KARIMATA STRAIT
		p	ERCENTAGE	FREQU	ENCY CF	+14D	SPECD BY	HOUR	(GP1)		
HS	nir ca	LM 1-	3 4-10		SPEED 22-33			MEAN	PCT PREO	TOTAL OBS	
001 061 121 141 71	09 5 15 6 21 10	.2 9. .5 8. .9 6. .2 7. 48 9	1 5A.A 2 57.2 0 61.5 8 455	20.9 29.1 26.9 21.4 193 25.4	.5		0 .0 0 .0 0 .0 0 .0	8.4 8.3	100.0 100.0 100.0 100.0	134 309 136 187 760	

TARLE 5

	PCT FRE			CLUUD A		(EIGHTHS)		1					CEILIN NH <5/					
WND DIR	0-2	3-4	5-7	A & resco	TOTAL CBS	CLUBO	000 1 <b>49</b>	159 284	300 599	600 666	1000	2000 3499	3500 4969	\$000 6499	6500 79 <b>9</b> 9	8000+	H 45/8	
N	.0	.0	1.0	.5		6.6	•3	•0	• 0	.5	.0	. 5	.0	•0	.0	.0	.5	
ΝF	.0	.1	1.7	.5		6.3	•0	• •	.0	.0	. 5	. 5	.0	•0	•0	.0	1.0	
E	1.8	5.1	5.9	1.0		4.8	•0	• າ	. 5	. 9	. 4	1.9	.0	•0	•0	.0	11.0	
St	13.7	16.2	22.3	4.8		4.4	•0	• ^	. 5	3.2	3.8	1.4	.5	•0	•0	.0	47.5	
S	1.0	4.4	2.3	3.0		5.:	• ?	• •	٠.	1.0		1 , A	. 5	•0	.0	.0	7.4	
S۳	.5	1.2	. 5	1.8		5.0	•0	• 0	.0	•0	. 3	1.0	.0	•0	• 0		2.7	
w	.0	.0	.0	٠.		.0	•0	• 2	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	. c	.0	1.6	•0		6.3	•0	. ^	.0	.0	.0	. 5	.0	.0	.0		1.0	
VAR	.0	. 0	• C	•0		.0	•0	٠	.0	.0	.0	.0	. 0	.0	.0	.0	.0	
CAL	3.1	1.0		1.6		4.2	•0	• 0	3.0	1.0				.0	.0		4.7	
TOT DES		54	73	27	193	4.7	Ö	'n	4	13	10	16	ž	Ô	0	Ď	148	193
TOT PCT	20.2	28.0	37.8	14.0	100.0	·	•0	•^	5.1	6.7	4.2	8.3	1.0	•0	•0	.0	76.7	100.0

TARLE 7

CJMULATIVE PCT FREG DF RIMULTANEOUS DECURRENCE
DF CEILING HEIGHT (NH >4/8) AND VSWY (NH)

					YSBY IN	12			
	CEILING	• nr	- 13R	• JR	# PA	- DR	• CR	<ul> <li>OR</li> </ul>	# DR
	(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
•	DR 36300	.0	•0	•0	.0			٠.	٥.
•	ng >5000	۰۵	•0	.0	. 3	.0	.0	.0	٥,
•	CR >3500	1.0	:.3	1.0	1.0	1.0	1.0	1.0	1.0
•	#R >2000	8.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0
•	0001< 80	13.4	13.9	13.9	13.9	13.9	13.9	13.9	13.9
•	DR >600	19.4	20.9	20.9	20.5	20.9	20.9	20.9	20.9
	#R >30€	20.4	22.9	72.5	22.9	22.9	22.9	22.9	22.9
•	DR >150	20.4	22.9	22.9	22.9	22.4	22.9	22.9	22.9
•	DR > 0	70.4	22.9	22.9	22.9	22.9	22.9	22.9	22.9
	TOTAL	41	46	46	46	46	46	46	46

TOTAL NOVERS OF JUST 201 POT FREG NH 44/81 77-1

TABLE 7A
PERCENTAGE FREQ UP EQU CLOUDS (EIGHTHS)

7 1 2 3 4 5 6 7 8 0BSC0 0BS 17.0 23.6 17.5 14.2 7.5 4.1 3.3 7.1 .0 212

ì	۱	M	٤	

PERIODI (PRIMARY) (C/ER-ALL)							TA	8LE 8				ARE	A 0009	KARIMATA STRAIT
		Pi	FRCFUT			D DIRE							E OF	
VS81			٧E	E	SE	s	Şw	¥	RW	VAR	CAL	PCT	TOTAL	
<b>&lt;</b> 1/2	PCP ! ሌቦ PCP TET %	.0	.0	000	.0	•0	0.	.0	•0	.0 .0	•0 •0	.0		
1/2	PCP 11 NO PCP 707 %	.0	.0	•0	.0	•0	•0	.0	•0	.0	•0	.0		
1<2	PCP NO PCP TOT %	.n .c	.?	.00	.0	•0	.0	.3 .0	.0	.0	•0	.3		
2<5	PCP NM PCP TOT %		.0	.0	1.0	•0	•0	•0	.0	•0	•9 •9	1.0		
5<10	PCP NP PCP TPT %	.3 .7 1.0	:3	.7 1.9 2.6	.5 7.3 8.1	.2	.7 .7 1.4	.0	.0	.0	.0 1.4 1.4	7.A 12.5 15.3		
12•	PCP NO PCP TOT \$	1:6	3.5 3.5	13.2 13.8	44.6 44.7	11.5 11.5	2.9 2.9	.9	1.0	•0	4,7 4,5	1.9 82.2 83.3		
	TOT DAS	2.1	3.3	15	53.6	11.9	4.3	1.2	:.0	.0	5.¥	100.0	287	

TARLE 9

							VALUES				£n.		
VSBY (NM)	SPD KTS	N	٩E	E	SE	\$	5 m	•	NW	VAR	CALM	PCT	TOTAL
	2-3	.0	.0	.0	.0	.0	.0	. 2	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0	. 5	i	. 5	.0	.0	.0		.7	
	11-21	.0	.0	.0		.0	.0	.0	. 6	. 6		Ď	
	22+	.0	.0	.0	.0	.5	.0	.0	.0	.0			
	TOT \$	•0	•0	.0	.6	.1	.0	.0	.0	.0	٠.	:0	
	0-3	.0	.0	.0	.0	٠.	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.c	.0	,C	.0	. 0	.0	.0	.0	.0		.0	
-	11-21	٠.	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	27+	٠.	. 6	.0	.0	.0	.0	-0	.0	.0		.0	
	TOT \$	•0	•0	.0	•0	.0	. 5	•0	.7	.0	.0	.0	
	0-3	.0	•0	.0	•0	.0	.c	.0	.0	,0	.0	.0	
1<2	4-10	•0	.0	.0	.0	.0	.0	.0	. 2	.0		.2	
	11-21	. 0	• 0	.0	•0	ě	.0	. 2	.0	.0		į	
	22+	.0	.0	.0	.0	.0	.0	• 2	.0	, c		.0	
	TOT *	.0	•0	.0	• 0	.0	.0	.2	.2	,0	.0	, 5	
	0-3	. 3	.0	.0	• 2	.0	.0	•?	,n	٠.	.0	.2	
2<5	4-10	.0	.0	.2	.5	.0	.0	.0	.0	٠.٥		.7	
	11-21	. 0	.0	.č	. 5	.0	.0	.0	٠.٨	0.		. 5	
	22+	.0	.0	.0	.0	Č	. 5	. 0	. 5	. 0		.0	
	TOT \$	.0	.0	. 2	1.2		.0	.0	. 5	.0	٠.	1.4	
	0-3	.2	.0	•1	.2	.2	.0	.0	٠,	.0	.9	1.6	
5<10	4-16	.3	• 1	. 9	1.0	.1	.7	.0	.0	.0		3.2	
	11-21	.2	. ž	1.5	4.4	. 1	. 2	. 0	. 0	, ō		6.3	
	22+	. ö	.0	.0	.0	.0	.0	.0	Ō	.0		.0	
	TOT \$	. 8	.3	2.1	5.6	14	. 9	.0	.0	.0	.9	11.1	
	0-3		.7	1.9	2.5	1.3	.5	.0	. 2	.0	5.8	13.2	
10+	4-10	.9	2.1	11.2	24.4	8.9	3.2	. 5	. 5	.0		51.7	
	11-21	. 6	4	4.2	13.4	2.1	.1	. 2	. 2	.0		20.6	
	22+		. 0	. 2				. 6	.5			7	
	TOT %	1.3	3.2	17.4	40.8	12.3	3.9	.7	. 6	.0	5.6	66.3	
	707 DaS												431
	TOT PET	2.1	3.6	19.7	48.1	12.0	4.0	. 9	1.2	.0	6.7	100.0	-•

										Je	NE					0000			<b></b>		
P\$#100	- K\$vC)		913-19 858-19							TARLE	10				AKEA	0009	.95 )	08.1E	RALT		
						PE	ICENT F	REQUEN CC	CY OF CURREN	CE OF	G HEIG NH 45/	HT\$ (F	EFT.NE	>=/81	AND						
		43 43	UR VT)	000 149	150	300 399	500	1000	2000	4500 4999	5000 6499	6300 7999	AC 34	tu ta		<5/8	TOTAL				
		99	603	.0	.0	1.9	3.8	9,4	5.7	1.9	.0	.0	•6	22.	b	77,4	53				
		26	603	٠.٥	.0	1.8	7.0	5	10.5	۰.	.0	.0	• 0	21.	1	78.9	57	,			
		1.2	613	.0	.0	2.2	4.3	6.5	4.3	2.2	.0	.0	• 5	19.	6	4.08	46				
		16	1521	•0	.0	2.0	11.8	2.0	9.8	.0	.:	.0	•:	23.	5	74.5	51				
			77	.0	.0	1.4	0.8	10	16	1.0	.0	.0	•6		2	161 77.8	207				
					1.	BRIE 1	,				٤u	*ULA*1	VE PCT		TAGLE OF RA		F VSRY	(NM)	AND/OR		
	HEUR (GHT)		PERCFN 1/2<1		al ENCY ∢∂	2<5	\$<10 [NH] [	10+	TOTAL DBS		*	d'aR		G HGT	(FEE)	3NH 34	/8)/R¥ + NH	HOUR			
	20203	2.0	.0	,	۰.	.0	R. 9	89.1	101			0503	.0	<1 2.0	<5 0.1			75.5	49		
	06609	.7	.0			1.5	11.1	86.7	:-5			6669	.5	1.0	ů.8			78.9	57		
	12615	•?	.0	. 1	• 2	1.2	11.5	85.9	3.5		:	2515	.0	2.2	0,5	13.	9	80.4	46		
	16521	•0	.0	,	. A	2.5	11.7	85.0	120		1	2421	•0	2.0	18.4	12.	2	69.4	49		
	737 2( 7	.7	.0		.•	1.4	10.9	362 86.6	100.0			1 CT	•0	2.0	10.0	13.		153 76.1	100°C		
					LF 13											TABLE					
	Ptict:		-	of hei	ATIVE			-	TOTAL	PCT			_	_		r OF WI	4D 01	RECTIO	IN BY TE		64.
-	0-29 30	0-39 40	)-49 50	of 861. 3-59 B	AT1VE	70-79	60-89	90-100	Cas	FRÉG		N	ME	£	SE	r GF WI	40 0[; SW	d	NW	VAR	CSE
90/94 85/09 80/84 75/79	0-29 30 .0 .0	0-39 40 .0 .0	.0 .0 .0 .0 .0	0 .0 .0	ATIVE	70-79 : 6.0 40.7	.0 2.7 34.1 2.7	0-100 .0 .4 6.2	20 20 100 5	PRFC 12.6 23.2 3.5		N .0 .4 ?.2	_	E 3.7 9.6		r OF WI	4D 01	d .0			C 2L,
90/94 85/09 80/84 75/79	0-29 30 .0 .3	.0 .0 .0	.0 .0 .0	0 .0	ATIVE 0-69	70=79 : 6.0 40.7 112	.G 2.7 34.1	0-100 .0 .4 6.2	20 20 100 5	.9 12.4 23.2		.0 .4 7.2	NE	E 3.7 9.6	SE 0.9 9.3	S	ND D[;	.000	.0 .0	.0 .0	3,
90/94 85/09 80/84 75/75 FCTAL PL*	0-29 30	.0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0	0-59 60 .0 .0 .0 .0 .0	ATIVE 0-69 .4 1.3 2.2 .0 9 4.0	70-79 .4 e.0 40.7 .4 112 49.6	2.7 34.1 2.7 89 39.4	60-100 .0 .4 e.2 .4 16 7.1	CHS 2 20 100 100 200 200 200 200 200 200 20	PRFC 12.6 23.2 3.5		.0 .4 ?.2 .0 2.7	NE	8 3.7 9.6 .3	SE .0 0.9 1.4 58.2	Y GF WI \$ .0 1.3 9.6 .0 11.0	ND 01; SH .0 .0 3.G .4 3.4	.00	.0 .0 1.3 .0	VAR .00	s. 1.
*1	0-29 30 .0 .0 .0 .0 .0 .0	0-39 40 .0 .0 .0 .0 .0	0-49 50 0 0 0 0 0 0	OF MEI	ATIVE 0-69 1.1 2.2 0 9 4.0	70=79 : .4 2.0 40.7 112 49.6	.G. 2.7 34.1 2.7 39.4	60-100 .0 .4 6.2 .4 16 7.1	CHS 2 26 166 C 226	PRFC 12.6 23.2 3.5		.0 .4 ?.2 .0 2.7	NE	E	SE	S .0 1.3 9.6 .0 11.0 TABLE	SH .00 3.0 .4 3.4	-0 -0	NW .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 .0 .0	7.
90/94 95/49 85/49 86/54 75/79 TGTAL PCT PCT	0-29 30 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	0 + 30 + 50 + 50 + 50 + 50 + 50 + 50 + 5	0-49 50 .0 .0 .0 .0 .0	TARLE	ATIVE 0-69 .4 1.1 2.2 .0 4.0	70=79 : 40.0 40.7 112 49.6	GQ-89 1 2.7 34.17 89 39.4 (DEG	0-100 .6 .4 .4 16 7-1	CHS 2 26 168 C 226 C 226 C 226	PRFC 12.6 23.2 3.5	H2(54)	.0 .4 ?.2 .0 2.7	NE	E	SE 6.9 1.4 58.2 JENCY	7 GF WI \$ .0 1.3 9.6 .0 11.0 TABLE DF REL	ND OI; SH .0 3.G .4 3.4	о .0 .0 .0 .0	.0 1.3 .0 1.3	VAR .0 .0 .0 .0 .0 .0	TOTA
90/94 85/09 85/69 75/79 TGTAL PL*	G-29 3( -0 -2 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	0 -39 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0-49 50 0 0 0 0 0 0 0 0	TARLE	ATIVE 0-69 1.1 2.2 0 9 4.0	70=79 : .4 2.0 40.7 112 49.6	CQ-89 1 2.77 34.17 89 39.4 (DEG	90-100 .0 .4 6.2 .4 16 7.1	CHS 2 26 168 C 226	PRFC 12.6 23.2 3.5		.0 .4 ?.2 .0 2.7 2.7	NE	E	SE	S .0 1.3 9.6 .0 11.0 TABLE	3.4 3.4 3.4 3.4	#U-110	0 0 0 1.3 0 0	.0 .0 .0 .0	5. 1. 7.

PERIOD: (PRIMARY) 1913-1972 (OVER-ALL) 1838-1972

T4846 17

ARFA 0009 KAPIMATA STRAIT 1.95 106.1E

PCT FRPS OF AIR TEMPERATURE (DEG F) AND THE SCCURRENCE OF FDG (WITH: J/ PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

		77			89		TOY		
IR-SEA	73 76	éó	81 84	85 88	92	>92	74)	FOG	#C FDG
7/8	.0	.0	.0	,8	٠.٥	.4	3	.0	1.2
	ě	ŏ	ŏ	Ă	ō.	. 7	•	:0	. 8
\$ \$	ŏ			• 5			2 3 2		
,	• • •	•0	.4	• 7		.0	•	.0	1.2
4	.0	•0		. 4	• • •	.0		٠,	.8
3	.0	•0		1.2	.0	•0	4	٠0	1.6
2	.0	.0	2.4	3,3	. 0	.0	14	.0	5.7
2	.0	•0	3.3	2.0	.0	.0	Ĩ3	.0	5.3
ó	.0	.0	9.4	3,1	.0	.0	31	ě	12.7
0 -1	Ü		16.7	2.0	.č	٠٥	48	.0	19.6
		•••	***						
-2	.0	.4	17.6	. 4	.0	•0	46	.0	18.8
-2 -3	٠.0	2.0	11.4	. 4	.0	•0	34	.0	13.9
-4	.0	2.9	6.5	.0	.0	.0	23	.0	9.4
-5	- 4	2.0	2.9	.0	.0	.0	13	.0	5.3
-6	.0	•0		.0	.0	•0	2	.0	. 8
<b>-7/-8</b>	.0	1.6		. 5	.0	.0	ò		2.4
-17-0				• • •					
-9/-10	.0	•4	.0	• 2	.0	•0	1	.0	.4
JATET	1		179		2			0	245
		25		37		1	245		
PCT	.4		73.1	14.1	. 8	.4	100.0		100.0

PERIOD: (DVER-ALL) 1963-1972

TABLE 18

				pc	T FREO	OF WIND	SPCED	(KTS) AND DIRE	CTION V	TRSUS S	SA HEIG	HTS (FT)		
				N							NE			
HGT	1-3	4-10	11-21	22-93	34-47	48+	PLT	1-3	4-10	11-21	27-33	34-47	48+	PCT
<1	.7	.0	•0	.0	.0	. 3	•7	• 2	. 2	.0	.0	• 0	.0	.2
1-2	.7	•7	•0	.0	• ^	•0	1.5	•0	.7	•0	.0	•0	.0	.7
3-4	•0	.0	•0	•0	• 0	•0	•0	•9	•0	.0	.0	•0	٠.	.c
5-6	.0	.0	•0	.0	•0	٠,	•0	•0	•0	•0	.0	•0	.0	.0
.7.	•0	.0	•0	.0	.c	• 0	•0	•0	•0	.0	.0	•0	• 0	.0
8-9	. 3	.0	•0	.0	.0	•0	• C	•0	•0	.0	•0	•0	.0	•0
10-11	.0	.0	•0	•0	•0	•0	.0	•2	•0	• 0	• 0	•0	•0	•0
12.	•0	.0	•0	.0	• 0	•0	•0	•2	•0	•0	.0	•0	.0	•0
13-16	•0	.0	•0	.0	•0	•0	•0	•0	•0	•0	.0	•0	•0	.0
17-19 20-22	•0	.0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	٠,	•0
23-25	•0	:0	•0	.0	•0	•0	•0	•?	•0	.0	40	•0	٠.0	•0
26-32	•0	.0	•0	.0	.0	•0	•0	•"	•0	.0	.0	•0	•0	•0
33-40	.0	.0		.0	.0	٠ŏ	.0	.0	•0	• 5	.0	•?	•0	•0
41-48	٠٥	.0	•0	.0		•0	.0	0	.0	•0	•0	•0	.0	• 6
49-60	.0	ŏ	.0	.0	.0	.0	.0	.0	.0	•0	.0	•0	.0	•0 •0
61 -70	۰٥	.ŏ	•0	.0	.0	•0	.0	.0	.0	•0	•0	•0	.0	.0
71-86	.0		.0	:0	.5	.0	.0	•0	•0	.0	•0	•0		.0
87+	.0	.0	.0	.,		•0	.0	.0	•0	.0	:0	•0	.0	.0
TOT PCT	1.5		.0	·õ	ó	.0	2.2	ŏ	ě	.0	.0	•0	ŏ	. 9
101 101		•,	•0	••	•0	••		• **	• • •	•0	••	•0	••	• •
				_										
				E							SE			
HST	1-3	4-10	11-51	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<b>&lt;</b> 1	•0	1.8	• 0	.0	.0	•0	1.8	•0		.0	•0	•0	•0	2.4
1+2 3-4	.0	3.5	2.6	٠,	•0	•0	4.2 5.8	•7	18.1	.5.1	.0	•0	.0	23.9
5-6		3.5	3.6	.0	.0	.0	3.6	•0	7.7	13.9	.0	•0	.0	18.8
7	• U	.0	•0	.0	.0		.0	•0	. 6	2.7			:0	2.9
89	ŏ	.0	•0	.0	.0	.0	.0	ěŏ		2.9	•0	•0	:0	2.7
10-11	ŏ		.0	.0	.0	.5	ů	.0	.5	.0	.0	.0	:0	•0
12	٠٥	:	.0	.5	.0	:0		.0	.0		.2		.0	.2
13-16	ě	.0	•0	.0	.0			.0	šŏ	ě	.5		.0	.6
17-19	.0		ň	.ŏ	ň	ě	.0	ň		ŏ	.0		ŏ	ŏ
20-22			.0	.0	ō	.0		ö	.0	.0		.0	ě	•0
23-25	ŏ		.0		.0	.0	.0	.0	. 5	ŏ		. 5	.0	.0
26-32	.0		ě		.0	.0	.0	.0			.0	.0		
33-40	ŏ	.0	.0	.5	.0	.5	.5	ő	.5	ě		Ď		.0
41-48	ŏ	.0	ŏ	.0	ŏ		ŏ		.0	.0		. 6		.0
49-60	.0	.0	.0	.0	.0	.0	.0		.0		.5	.0	.0	.0
61-70	, ŏ	• 0	.0	.0	.0		ŏ	ñ	ŏ			.0	.0	ŏ
71-86	.0	.ŏ	.0	.5	.0	.0	.0	in	.0			• 6	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	io	.0					
					• 0	• • •	•0	10	• •	•0	•0	• 0	• 0	•0
TOT PCT	.0	8.6	6.9	.5	.0	.0	16.1	ij	26:1	28.5	.9	•0	•0	56.2

Ar. 150.	ADVE								IUNE						_	
PE~100:	(DAF	(-Iff)	1403-1	415				TABLÉ	18 (654)	r)			AREA		(ARIHAT )s los	A STRAIT
				PC	T FRED S	F WIND	SPEED	(KTS)	ANP 0191	ECTION V	F8405 5	FA HEIG	HTS (FT)			
HGT	1-3	4=10	11-21	5 22-12	34-47	48+	PCT		1=3	4-10	11-21	5w 22-33	34-47	44.		
<1	.0	.7	• • • • • • • • • • • • • • • • • • • •	.0	0.	•0	7.7		.0		11021	40	•0	48+	PCT .7	
1-2	. 5	3.3	.0		.0	.0	3.0			3.6	.0	••	•0	.0	3.6	
3-4	. 0	1.3	2.6	.0	.5		3.8			5	.0	.6	. 5	.0	.0	
5-0	٠.٥	.0	.0	.0	.0	.0	.0		c	.0	ŏ	.0	.5	.0	.0	
7	.c	.0	1.5	.0		.0	1.5		.0	. 5		.0	•0	.6	.0	
8-9	• ၁	.0	.0	.0	.0	.9	.0		.0	.0	.0	.0	•0	.0	.0	
10-11	•∪	•0	• 0	.0	.0	.0	.0			.0		.0	.0	.0	.0	
12	•0	.0	•0	•0	•0	.0	.0		•0	.0	.0	.0	.0	.0		
13-16	.0	.0	•0	.0	•^	.0	.0		۰,	•0	.0	.0	.5	.5	.0	
17-19	. 0	.0	•0	•0	• ?	•0	.0		.0	•0	.0	•0	•0	.0	.0	
20-22	• 3	.0	•0	•0	.0	.0	•0		• າ	•?	• 2	.0	•0	.0	, n	
23-25	•0	.0	•0	٠.	•0	.0	.0		•¢	•0	• 0	.0	•D	.0	.0	
26-32	•0	.0	•0	•0	•0	•0	• C		.0	•0	•0	•0	•0	•0	.0	
33-40	•0	.0	•0	•0	.0	• 0	•0		.0	• 3	•0	•0	• 0	•0	•0	
41-48	• 0	.0	•0	• 0	•*)	.0	.0		•0	٠,	.0	.0	•0	.0	.0	
49-60	.0	•0	•0	•0	•0	•0	.0		•0	•0	.0	•0	• • •	.0	.0	
61-70	•0	•0	•0	•0	.0	•0	•c		•0	•0	•0	.0	•0	•0	•0	
71-86 87+	٠,٥	-0	•0	• • •	.0	.0	•0		9.	.0	•0	•0	•0	•0	•0	
TOT PCT	.0	.0 5.3	0	•0	.0	• 5	.0		• 2	.0	•0	•0	•0	.0	•0	
101 -	• •	7 <b>.3</b>	4.0	•0	•0	•0	9.5		• 2	4,4	•0	•0	•0	•0	4.6	
				×								*17				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-13	11-21	22-33	34-57	45+	PCT	PCT
<1	.0	.0	.0	•0	•0	.0	.0		•0	•0	.0	.0	• ()	.0		
1-2	.3	.0	•0	.0	.0	. 9	.0		.0	.7	.7	.0	. 0	.0	1.5	
3-4	• 0	.0	•0	•0	•0	.0	.0		.0	.0	.0	.0	ě.	ě	. 0	
5-6	. 3	.0	•0	•0	•0	•0	• C		•0	•0	.0	.0	•0	. Ó	.0	
.7.	• 0	.0	•0	• • • • • • • • • • • • • • • • • • • •	•0	.0	.0		.0	•0	•0	.0	•0	.0	.0	
8-9	• C	.0	•0	•0	•0	•0	.0		•0	•0	.0	٠0	•0	.0	.0	
10-11	•0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	•0	.0	
12	•3	-0	•0	-0	• ?	• 2	•0		•0	•0	•0	.0	• • •	.0	.0	
13-16 17-19	.0	.0	•0	•0	.0	•0	•0		•0	•0	•0	.0	•0	.0	•0	
20-22	.0		•0	•0	•0	•0	•0		•1	•0	•0	•0	•0	•0	.0	
23-25	ě	.0	•0	•0	•0	٠0	•0		•0	•3	•0	•0	• 0	.0	•0	
26-32	. 5	:0	•0	•0	• ?	•0	•0		•2	•0	•0	•0	•0	•0	.0	
33-40	·ā	.0	•0	•0	.0	.0	•0		•0	•0	•0	•0	•0	•0	•0	
41-48	.č	.0	•0	•0	.0	.0	•0		•0	•0	• 5	.0	• 0	٠.٥	•0	
49-60	.5	.0	•0	.0	.0	.5	•0		.0	•0	•0	• 0	•0	•0	•0	
61-70	.5	.5	•0	.3		.5	.5		.0	•0	•0	.0	•0	•0	•0	
71-86	.5	.0	•0	.0	Č	.0	.0		.0	.0	• ?	• ?	• 0	• 0	•0	
87+			•0	.0	ő	.5	.0		.0	.5	• • • • • • • • • • • • • • • • • • • •	• 0	•0	•0	•0	
TOT PCT			•0	•0	ň	.0	.c		.0	.;	:7	.0	•0 •0	•0	1.5	91.2
J. •.	• •	••	•••		•	••			••	• '	• ′	•0	••	• •	1.2	71.6

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HET	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<:	11.9	5.6	.0	.0	.0	.0	17.5	01.5
1-2	3.5	29.4	6.3	ő	. 0	.5	34.2	
3-4	.0	9.1	18.2	ō	.0	, ō	27.3	
5-6	.0	.7	9.6	7	.0	.0	11.2	
7	.0	.0	4.2		.0		4.2	
8-9	.5	.0		ě	.0		.0	
10-11	.0	.0		.0		. 0		
12	.c	.0		7	.0	.0	.,	
13-15	.0	.0		· ·	. 5	.0	Š	
17-19	.č	ě	.č	è	.č	ě	.0	
20-42	.č	.0		۸	.5		ě	
23-25		.0		.0	ě	.0	:0	
20-34	.0	.0	::	ŏ	.š	.ŏ	.0	
33-40		.0		ě	.0	ě	.0	
41-48	.0	.,		č	.5	.0	:0	
49-60	.0	ő	:	ŏ	.0			
61-70	.0	ŏ	::		.0	.0	•0	
71-86	.ŏ	ŏ	:0	•0		.0	•0	
87+	.0			•0	•0	•0	•0	
9/•	•0	•0	•0	•0	.0	•0	.0	
TOT PCT	15.4	44.8	38.5	1.4	.0	.0	100.0	143

TABLE 1

ARÉA 0009 KARIMATA STRAIT 1.85 108.0E

Braceut	CREAMENCY	.15	LEATHER	DCCURRENCE		<b>L. T.N.D.</b>	ATREPTION
PERCENT	PREQUENT	JP	RPATHER	OF CONKENTS	p۲	MIND	DIMECTION

							•								
			•	RECIPI	TAT ED!	N TYPE					STHEP	WEATHER	PHEND	MENA	
WND 01R	RAIN	RAIN CHKÀ	MRZL	FRZG PCPN	SNO#	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST MOUP	THOR	FOS 40 PCPK	POG WO POPN PAST HR	SHTKE HAZE	SPRAY BLWG DUST BLWG SNOW	
N NE E S S N H VAR CAL*	.0 .0 .5 1.1 45.5 .0 33.3	2.4 .0 .0 .0 18.2 .0 33.3	.0 16.7 1.2 .3 2.2 19.2	000000000000000000000000000000000000000	.00.00	.0000	00000000000	16.7 3.6 8 3.3 43.6 0.7	.0 .0 1.8 .7 2.2 .0 .0	1.6000000000000000000000000000000000000	••••••••••	• • • • • • • • • • • • • • • • • • • •	.0 .0 .0 .0 .0	.0	100.0 63.3 89.8 96.9 94.4 36.4 100.0 33.3
TOT PCT	2.0	1.0	1.4	.0	•0		.0	4.1	1.0	1.7	•0	.0	•0	-	93.2

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	CITAT	N TYPE					OTHEP	WEATHER	PHEND	MENA	
HCUR (GMT)	RAIN	PAIN SHWR	PRZL	F#ZG PCPN	รพถษ	OTHER FRZN PCPY	HAIL	PCPN AT OB TIME	PCPN PAST HGUR	THOR LTNG	FDS HD P(PN	FOG WD PCPN PAST HR	SMOKE	SPRAY BLWG DUST RLWG SHOW	NO SIG WE4
00£03 06£00 12619 14621	1.4 1.2 1.4 4.1	2.5 .0 1.4	1.4	.0 .0	•0	.0	•0	2.9 3.7 2.7 6.8	2.9 1.2 .0	.0 • · · · · · · · · · · · · · · · · · · ·	.0	•0	•0 •0 •0	.0	94.3 95.1 93.2 90.4
TUT PCT TOT CBS:	2.0 298	1.0	1.3	.0	•0	•0	•0	4:0	1.0	1.7	•0	•0	•0	•0	93.3

### TAPLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HUUK

				ED EKNE										(GMT)			
PIG GFW	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT	MEAN SPD	00	03	06	09	12	15	18	21
N NE	,1	,1 1.6	• ?	•0	.0	.0		2.9	4.5	2.9	•0	3.8	1.1	2.5	3.3 3.3	4.2	•0
E S E	1.4	10.8	5.9 22.0		.0	.0		18.1	10.5	16.0	5.7 73.3	20.3	17.6	17.8	13.3	19.0	19.2
Š	1.9	9.6	3.4	.1	.0	.0		15.0	8.3	13.5	6.7	12.9	16.8	11.8	18.3	22.7	17.2
h Nu	.3	.9	. 5	.0	.0	.0		1.7	7.7	::	10.0	2.0 1.5	1.6	1.7	.0	1.0	3.5
VAR CALM	2.0	.0	•0	•0	•0	•0		2.0	.0	.: 8.	•0	.0 1.5	1.1	.0 4.1	•0	.0 3.1	2.3
TOT DES	9.0	422 56.7	246 33.3	.0	.0	.0	744	100.0	9.5	122 100.0	15 100-0	198 100•0	100.0	121 160.0	100.0	96 100.0	100.0

## TARLE 34

NNO DIR	n=6	WIND 7-16	SPEED 17-27	(KNGTS) 28-40	41+	TOTAL DBS	PCT FPEQ	MEAN GP2	00 03	HOUR 06 09	12 12 15	18 21
ĸ	.2	.1	•0	•0	.0		.3	4.5	.0	.5	.4	.0
46	1.3	1.4	.1	•0	.0		2.9	7.1	2.6	3.5	2.6	2.5
	6.0	10.9	1.2	ii	.0		18.1	9.2	15.0	19.5	17.3	19.1
-		37.3	6.9	• • •			55.7	10.5	64.6	55.2	96.3	49.3
\$ E	11.2			• 2	••							
•	5.4	9.1	•5	•0	:0		15.0	4.3	12.8	14.1	12.5	20.1
Sw	.7	1.9	.1	.0	.0		2.8	9.1	1.8	2.2	4.4	3.0
ĕ	. 7	1.0	.0	•0	.0		1,7	7.7	1.0	1.9	1.5	1.6
	• 4		• • •	••			***		•••	1.7		
Nw	.7	.5	. 3	•0	.0		1.5	9.0	•7		1.5	1.6
VAR	.0	.0	.0	•0	.0		.0	.c	.0	.0	.0	•0
CALM	2.0						2.0	.0	-7	1.4	3.7	2.7
TOT DAS	211	463	68	2	0	744	•••	9.5	137	289	138	182
TOT BET	74.4	62.2	241	. 3	· č		100.6			100.0		

								JULY	,				
PER150:	(FRIMARY) (DVER-ALL)	1907-197 1855-197						TARLE	4			1367	0000 KAPIMATA STRAIT 1.85 108,05
				5 E B	CFNTAGE	FREGUI	ENCY DF	w140 S	*EEC 81	HDUR	(64.)		
		насн	CAÈM	1-3	4-10			(KNOTS)		MEAN	PCT FREQ	77746	
		00603 06609 17615 18621 TUT PCT	.7 1.4 3.7 2.7 15 2.0	5.6 9.3 5.9 4.9 52 7.0	52.6 55.7 57.4 61.0 422 58.7	40.1 32.2 31.6 31.3 248 33.3	.7 1.4 1.5 .9	• (	.0	9.6	100.0 100.0 100.0 100.0	137 289 136 152 744	

			7	APLE 5								*	ABLE 6					
Þ	PCT FPEC OF TOTAL CLOUD AMOUNT (ETGHTMS)  BY HIMD DIRECTION  MEAN  CIN C-2 364 9-7 d & TOTAL CLOUD												CEILIN					
MAD CIN	0-5	3-4	9-7	3 & 13281	TTTAL CBC		000 149	150 290	30°	53c 999	1005 1999	2000 <b>3499</b>		5000 6499	5500 7999	+000s	%# 65/A 4:4 4GT	
4	٠.	• 6		•′		• ^	• 5	•	• ?	• 2	.:	.^		•0	,^	••	•0	
Vit s	5.,	1.2	1.8			5.? 3.*	• • • • • • • • • • • • • • • • • • • •	•0	.0	•6	1.5	.c 1.7	1,2	•0	•0	9.0	1.8	
ŠĒ	. 5. 3	24.2	16.6			1,1	ž	•	٠٠	2.0	2.4	2.4	ě	• • •			50.ĕ	
S	3.2	3.8	5.2			5.0	. 5	•	.:	1.1	1.7	2.:	.0	•0	• •	• >	10.0	
5^	• 5	• *	• 0			6.3	• 0	•^	•0	• 0	1.2	• • •	.0	• 0	•0	• ^	.6	
	.:	• ^	1.2			4.0	• 5	• ^	,0	• 0	.0	• 5	.0	•0	•0	• 0	1.6	
**	. 3	• 6	• 6	1.7		7.5	• 0	• **	. 6	• 3	.6	• 6	•0	•0	•5	• 0	•0	
<b>∨</b>		٠.	•0	• 0		•0	•0	• ^	.0	• 0	.0		. 3	• 0	•0		•0	
CAL TOT	37	. 6 55	٠ 6	• ¢ 16	165	6.0 4.2	•0	•2	• 0	• •	13	11	•?	• 5	• 2	• ?	128	165
TAT BAT	99 /	33 C	22 -					_							_			

TABLE Y

COMPLATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH 34/8) AND VSBY (NH)

				VSBY (NY	')			
CELLING	e ra	2 LH	• UR	• <b>~</b> A	• JR	<ul><li>□R</li></ul>	e TR	● DR
(FEFT)	>10	>5	>2	>1	>1/2	>1/4	>50Y0	>0
■ 26 >6510		•0	.0	.5	.0	.0	٠.	.0
■ OR >5000	.0	.0	.0	.0	•0	•0	.0	.0
<ul> <li>np &gt;3500</li> </ul>	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
<ul> <li>∩R &gt;2000</li> </ul>	8.4	9.0	3.6	9.0	9.5	9.0	9.0	9.0
e 08 >1000	15.0	16.2	.6.8	16.5	16.8	16.8	16.8	10.8
• DR >690	18.6	20.4	21.0	21.0	21.0	21.0	21.0	21.0
e ^R ≥307	18.6	21.0	21.6	21.0	71.6	21.6	21.0	21.6
■ DR >150	18.6	21.0	21.5	21.6	21.5	21.6	21.5	24.0
• FR > 0	16.0	21.0	22.4	22.2	25.2	22.2	22.2	22.2
TTTA:	3.1	3.6	37	17	37	37	27	27

TGTAL NUMBER OF 385: 167 PCT FREQ NH <5/8: 77.8

TABLE 7A PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 4 6 7 8 DBSC0 TBS 9.4 16.3 22.5 20.5 11.2 7.9 9.9 3.9 5.6 .6 178

٠.	**	٠

								JJLY						
PERIOD: (PRIMARY) 19 (CVER-ALL) 18							74	alf 3				A*E	4 0009	KARIMATA STRAIT 1.85 108.0E
		PI	RCENT			D DIREC							E OF	
V584 (NM)			NF	E	SE	s	5 ×	*	NK	VA•	CALM	PCT	TOTAL	
<1/2	PCP NO PCP TOT \$	.0	.0 .0	.0.5	•0	•0	0 0 0	.0 .0	•0 •3 •0	•0	.0 .0	.0		
1/2<1	PCP ND PCP TJT %	.0	.0 .0	.0	•0	•0	••	.0	•0	.0 .0	•0	.0		
1<2	PCP NO PCP TCT %	.00	0000	.0	.0	•0	.0	.0	٥. ن.	.0 .0	•0 •0	.0		
	PCP NO PCP TOT %	;;	.000	•0	.0	.3	•7 •9 •7	.0	.0	.0	•0 •0	.7 .3 1.0		
	PCP ND PCP TOT %	.c .c	.0	.5 1.t 2.1	15.0 15.5	.5 3.4 3.9	,2 ,2	1.2 1.2	.0 .3	•0	•3 •6 •3	2.4 21.4 23.7		
10+	PCP ND PCP TOT \$	.0	1.7	11.9 11.9	47.5 47.5	.6 11.0 11.0	.5	.c .7	.3	.0	4C 43	1.0 74.2 75.3		
	707 085	.2	2.0	14.1	63.1	15.3	1.0	1.0	1.0	. 0	.7	100.0	295	

....

						OF WI'					En		
V58Y (NH)	SPD KTS	N	۸E	E	SE	\$	Sh		NW	VAR	CALM	PCT	TOTAL
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	• û	.0	. 6	. 1	.1	.0	.:	.0	.c	• • •	.2	
	11-21	• 0	.0	٠.	• 1	.1	.0	.0	. 0	.0		.2	
	22*	•0	٠.	.0	•0	.0	.0	.0	.0	.0		.0	
	TOT \$	•0	-0	•0	•2	• 2	•0	.0	.0	.5	.0	.5	
	0-3	•0	.0	.0	.0	•0	.0	.0	.0	.c	.0	.0	
1/2<1	4-10	.0	• 0	•0	.2	.1	• 1	• •	. "	.0		.5	
	11-21	-0	.0	•0	٠.0	.0	•0	.0	•0	.0		.0	
	22+	.0	•0	.0	•0	٠.	.0	.0	.0	.0		.0	
	TOT %	•0	•6	• C	• 2	• 1	• 1	.0	•0	.¢	٠.	.5	
	0-3	.0	•0	•0	.0	٥.	٠.	.0	.0	.0	.0	.0	
1<2	4-10	•0	• 3	• 0	• 0	.0	• 0	.0	• ^	.0		.0	
	11-21	.0	•0	.0	.0	.c	.0	.0	.0	.0		.6	
	22+	.0	.0	•0	.0	• 5	.0	.0	. G	٥.		٥.	
	TOT %	•0	•0	•0	.0	•0	.0	.0	.0	•0	.0	. 5	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	.0	•0	•0	.0	•2	.5	• 1	-1	.0		.9	
	11-21	• 0	• •	.0	.0	•0	• • •	٠,	••)	.0		.0	
	22+	•0	•0	•0	.0	•0	.0	.0	.0	.0		•0	
	TOT \$	•0	.5	.c	•0	٠ċ	.5	•1	•1	•0	.0	.9	
	0-3	.0	.0	.2	.5	.9	.0	-0	.0	.0	.2	1.9	
5<10	4-10	.0	-1	.,	4.5	1.0	. 3	-1	•0	.0		7.0	
	11-21	.0	.0	. 5	1.3	.7	.3	- 6	ě.	.0		9.5	
	22+	•0	-0	•0	• 2	.0	•0	•0	•0	.0		.2	
	TOT \$	.0	•1	1.9	11.4	2.9	.7	. 9	.3	.0	• 2	10.5	
	0-3	.0	.3	. 4	1.5	.9	.0	.0	.0	.0	.2	3,9	
10+	4-10	• 1	1.7	0.3	25.7	7.4	.6	.5	. 5	.0		44,8	
	11-21	.0	•0	5.3	21.3	3.4	-1	.0	.2	.0		30.4	
	22+	•0		.0	. 3	2	٠.0	•0	•0	.0		.5	
	TOT \$	-1	2.1	14.6	48.8	11.9	.7	.5	.7	•0	•2	79.0	
	TOT DES	.1	2.2	16.5	40.7	15.4	2.0	1.5	1.2	•0	.5	100.0	431

JULY

PEPIGO: (PRIMARY) 1907-1972 (DyER-all) 1855-1972

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TABLE 10

AREA 0009 KARIHATA STRAIT 1.85 106.0E

# PERCENT FREQUENCY OF CRICING HEIGHTS (FEET-NH >4/8) AND GCCURRENCE OF NH <5/4 BY HOUR

40JR (G4T)	000 149	190 299	300 599	650 999	1000 1999	2000 3449	3500 4999	5000 6499	6500 79 <b>9</b> 9	6000+	TOTAL	NH <5/B	TOTAL
<b>03603</b>	2.3	.0	٠.	7.0	7.0	11.6	4.7	.0	•0	•n	32.6	67.4	43
90100	.0	.0	2.0	5.9	5.9	2.0	.0	•0	.0	•0	15.7	44.3	51
12615	.0	.0	.0	.0	8.7	.0	.0	٠.	.c	•3	8.7	21.9	46
18621	.0		.5	3.0	٠.:	15.2	6.1	.0	.9	.0	93.3	55.7	33
TOT	1	ç	i	7	.13	11		0	0	9	37	136	173

TARLE 11

TABLE 12

		PEPCFYT	FREGLES	(CY VS81	Y [* 43	AY HUUR		CL FULAT					CAP) YAZV	
HOUR (GMT)	<b>&lt;</b> 1/2	1/2<1	1<2	2<5	5<10	10+	TETAL COS	HOUR (G¥T)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00603	1.0	1.0	•	2.0	14.4	77.6	98	60300	2.4	2.4	9.5	23.8	66.7	42
00300	.0	.0	•0	-0	15.3	83.7	135	90360	.0	2.1	6.3	0.3	83.3	48
12615	•0	1.1	.0	.0	15.7	83.1	89	12615	•0	.0	.0	8.9	91.1	45
14621	.9	.0	.0	1.8	24.1	73.2	112	19821	•0	-0	5.3	20.1	65.5	32
TOT	. 3	2	.0	. 9	81 18.7	345 79.5	434 100-0	TOT PCT	1	1.2	12	27 16.2	130	167

TARLE 13

PARIE 14

					m-26 11	•														
	PERC	ENT FR	EQUENCY	7 DF P	Ei'47 I V E	HUMI	TTY B	Y TFMP	TOTAL	PCT		۶	EN7 FR	EQUENC	Y OF W	IND DI	RECTIO	N BY T	i mb	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	PO-89	90-100		FREQ	N	NE	5	SE	S	5#	á	NW	VAR	CALM
90/94	.0	.0	.0	.:	.0	• 0	.0	.0	1	.5	•0	.0	.0	.5	٠.	.0	.0	.0	.0	٠.
85/89	•0	• 0	•c	. 5	2.1	4.6	٠,	•c	19	8.6	.0	.0	4.7	5.5	1.5	.0	.0	٠.	.0	
80/84	.0	.0	.0	•0	2.3	44,3	35.5	5.5	:38	96.6	•0	1.5	11.3	56.7	13.6	.9	1.4	.5	٠٥.	.5
80/84 75/79	.0	.0	.0	•0	.0	.0	1.4	1.8	7	3.4	• 0	.3		. 9	.5	.5	٠.	.5	٠٥.	. 5
70/74	.0	.0	.0	• 0	.0	.0	. 5	.5	2	. 9	•0	.0	.0	.0	.5	٠.	.0	.5	.0	.0
TOTAL	٥	้อ	0	2	11	104	83		217	120.0										
PCT	•7	.0	•0	.9	5.1	47,4	38.2			• • • • • • • • • • • • • • • • • • • •	.0	2.3	13.0	43.0	10.0	1.4	1.4	1.4	.0	.9

TAPLF 15

					• • • • • • • • • • • • • • • • • • • •										••			
	MEANS,	EXTREME	S AND	PERCE	TILES	UF TEI	MP (DE	G F) B	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	VTIGIMU	BY HOUR	i
HOUR (GMT) 00£03 06£09 12£15	86 94 85	99% 85 90 84	953 84 89 84	50% 62 83 82	54 79 79 79	74 74 75	MIN 74 73 74	MEAN 61.6 63.5 81.8	TOTAL 085 137 291 136	HûliR (GHT) CUE03 06E09 12E15	0-29 •0 •0	30-59 3.3 .0	40-69 4.0 13.1 1.8	70-79 44.0 50.8 54.5	44.0 27.9 38.2	90-100 8.0 4.9 5.5	81 77 80	7074L 035 30 61 35
18621 TOT	87 94	84	83 86	81 82	79 79	76 74	72 72	81.2 82.3	103 747	18621 TOT	•0	.0	1.0	39:6 104	45.3	13.2 17	82 80	53 219

PCT FRES OF AIR TEMPERATURE (DEG F) AND THE OCCUPPENCE OF FUG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

Ala-SEA	73	77	91	65	69	>97	TST		40
THP DIE	76	80	94	0.3	92			FOG	FBG
9/16	. 3	•0	.0	. 7	.5	.4	:	.5	.4
ė	.0	.0	. 4	. 4	. 4	.0	3	.0	1.2
5	. 2	• 0		• 2	1.4	. 0	3	. č	1.2
	. 5	• 0	:5	1.4	٠.5	.0	ī		1.6
3	.0	. 0		1.0		• (	5		1.9
ž			3.5	2.3	. 0	in	14	.5	5.2
		. 6	6.6	1.2	. 4	. 0	2	.0	5.,
-1 -2 -3	.,	. 0	23.5		• າ	ě	6.5	.0	25.2
		2.3	10.3	٩		·ó	65 50	.0	19.4
-3	::	3.5	12.6			.8			16.7
-1	.5		3.4	.0	Š	٥.		٠,	
		3.7	1.9	, ,			16	٠.	6.2
-5			***	• .		• 5		.0	3.1
	٠,	1.9	2.3		• 0	•0	11	.0	4.3
-0	• •	• 6	. 6	• 0	• •	3.		•0	• 2
-7/+A	:.2	. 8	٠٥		• ^	٠.	•	.0	1.9
-4/	. 4	• 0	٠.,	• *	.:	• 0	•	• ?	. 4
-1./3	. •	.0		• •	.0	.0	:	. 0	. 4
T-TA.	٥		189		5			٥	25*
		34		23		1	250	-	
÷(*	2.3	5 . 2	73.3	6.5	1.9		190.0		100.5

F8-170: U.:4-4L 1 .963+.975

\*#6LF 16

				20	. taft .	1F +1NC	SPEEC	'ATS) 450 51PE	CT12N V	ERSUS S	E4 mF10	-TS (FT)	l	
-s*	1-3	4- ^	121	22-13	****	48+	۶۲۰	1+3	4-10	11-2.	22-35 22-35	34-47		₽Ç₹
₹.	•	.0	•^	.0	• 2	. 5	• 0	•^	• •	•^	.0	• 0	. 0	, c
4	• •	• 0	• ′	.0	• ^	• 5	٠.	;^	. 7	.0	.0	••	. 5	. 0
3	•	٠.	•^	•0	.^	• )	• 6	•:	. ÷	. 5	.0	• 0	.5	. 9
2-%	• -	.0			• •	•0	.0	•	. 0		.0	• 3	. 5	. 0
7	• *	.0	•	.^	:-	• ၁	.0	:-	.0	.0	. 2	• 0	÷÷	Š
e-9		• • •	. ^	.^	_	.0	.0	•^	•^	• 2	.0	.0	.5	, c
.^-1.	• •	.0	• ^	. 3	_ •	.0	• •	. 1	• ^	.5	.0	, c	.5	, č
. 2	• •	. :	• • •	• 0	•	• ≎	.0	-	• •	• • •	.:		::	
13-16		: ` `	• ^	. ^		٠.	• 5	. ^	• •			• 6	.5	و ر
: -:9	•	.0	;-	.0					. 5	. 5	.5		.5	.5
20-22	• -	.0	• >	. 5	. *	.:	.0	· ·				. 5	.5	žš
23-25		.0		.^		.0		. •		::			:5	:5
25-32			.0	. ;					•		.0		.5	.0
33-40	•	.0		. 5			č	:			.5	• • • • • • • • • • • • • • • • • • • •	.5	.5
-:-48	• •		•^	.:		::	2.	;^	.6	:5		•0		
45.00			,	• • • • • • • • • • • • • • • • • • • •		.:		:	.;	::		•0	٠.٥	.0
573	.:		,	.:	•	•	• č	:^			.:		٠,	.0
775			:-	::	:-		::	•	:5	.0	• 5	.3	٠.	.0
3.0	: :						.5	٠.	• •	• 5	.0	•0	.0	.0
****	::		•	::			• •	is.	٥٠ و٠:	• 2	. 0	• 5	.0	.0
	• -	• '	•	•	•	٠,	:-	•2		• "	•0	•0	. 0	1.6
				Ę							58			
-3°	:-3	4- 0	11-21	27-13	34-67	4**	PET	!-1	4-15	11-2.	22-13	34-47	454	227
<1	. :	. 0	•0	• • •	•	••		•••	2.0		.0	.0	.5	3.0
1-2	٠	3,5	2.3			::	7.5	• ,	7.3	5.4	.0	.5	:5	24.3
3		• • • •	4,5		'n	:.	5.7		3,5				:3	21.4
5-5			٩	٤.	. •	.;	É	::	111	ñ.4			.5	9.5
7			1.4		•				•::	2.3	ă.:	::	::	
3.0		.0	• • • •	.0	:5	٠.	. 0	r	• • •	.,4	*:5	• 6	• • •	4.1
10-11				.5				ř	.5	. 5	.0	• 5	.5	.0
12		.5	.0	.5			.0	ò	:5				.5	
13-16	É	: ~		.0	• • • • • • • • • • • • • • • • • • • •	.5	::	• • •	.0	• 2	•0	• 5	.0	•0
7-19		:0		.5	:,	٠.٠	.ŏ	• 7	۰۰	•5	.0	•9	.0	.0
50-55		.5	n	.0		.5		•:		• • •	.0	• ?	•0	•0
23-25	:,			.5	.,	.0	•0	•:	•0	.0	٠.	•0	.5	•0
29-32	ž				.5			•0	•0	.9	•0	•0	. 3	.5
33-40		.0		-0	• 7	•0	•0	•¢	•0	• • • •	• 0	• ?	٠,	• ¢
41-48				.0	.5	•0	• • •	•2	• 3	٠.	.0	• •	.0	.0
49-00				•0	.0	•0	•¢	•0	•0	. 5	•0	•0	.0	• 0
	• 3	.0	. • • •	٠.	•0	•0	• 0	.0	• 0	.0	.0	•0	•0	.0
61-70	• ;	.0	• 0	.0	•0	•0	•0	.5	.0	.0	.0	•0	•0	.0
71-86	•3	٥.	•0	.0	•0	•0	•0	•0	•0	.0	.0	•0	.0	.0
87+	• 2	0	• ?	.0	•0	•0	.0	.0	• 0	.0	.0	•0	.0	.0
TOT FCT	. 9	3.9	10.5	•0	•0	•0	19.2	.?	25.9	35.2	1.0	•0	•0	63.2

245 - 124			.0.3						JULY				ADEA	0000 #	48 . W 4 T	A STRAIT
PEKIJO:	11.72	e-atil	[4434]	917				TABLÉ	16 (665)	7)					5 108	
				PC	T FREG	OF 4:45	SPEED	(KTS)	AND DIRE	etian	VERSUS S	EA HFIS	HTS (RT	)		
				5								5 W		_		
~G₹	1-3	4-13	21	22-33	347	49.	91.1		1-3	4-10		22-33	34-47	**	PCT	
G.		.7	• າ	•0	٠,	•0	1.6		• 2	• •		.0	•0	•0	•0	
1-2	. 7	3.4	• 5	٠.٥	.5		4		č	.0		.0	• 0	•0	•0	
3.00		1.8		.0	• ?	٠,	1.8		•,			٠.	• 0	.0	.9	
5=0	. 3	1.5	3.4	. 2	:4	.0	3.0		,			.0	•0	:0		
7 d=9	• •	.0		.3	د .	.5	9					.5	• 5	.ŏ		
10-11	.5	.3		.š	.5					.0			.3	.5	ò	
12	::	٥:	• ```	.0		. 3	:0					.0	.,	.5		
.3-16	• • • • • • • • • • • • • • • • • • • •		.0			.5	·c			.0		. 6	.0	.6	.0	
9	:	::	`^			.5	ě			. 0		.5	•0	.0	.0	
20-22	:.	.c	• າ	.5		.0			•	. 0		.5	• 5	.0	.0	
23-25		.5	••		.^	.0			ຳ	. 5			•0	.0	.0	
26-32	::			.0	. ^	.5			.0	.0		.0	•0	.0	.0	
33-40	·	. 0	• • • • • • • • • • • • • • • • • • • •		. ^	٥.	.0					.0	•0	.0	.0	
41-48	• • • • • • • • • • • • • • • • • • • •	.5	. ^		:^	. 5	.0		- n			.0	• 2	.0	.0	
49-00				. 5	.0	٥.	2.			. 0			• •	.0	.0	
61-70		٥.	- 2	.0		٠.				• 0	.0	.0	.0	.0	.0	
71-00	::	.0	٠,						۰,0	•0	• 2	.0	• 6	.0	.0	
87+		.0	• ^	. 5			.0		•	. 0		. 0	•0	.0	,0	
77* PC*		b.4	4.3	.0	•6	.0	14.3		.0	• 4	• • • • • • • • • • • • • • • • • • • •	.0	•0	•0	.,	
												16				TOTAL
HGT	1+3	4-10	11-21	22-33	34-47	44+	PCT		1-9	4-10	11-21	22-33	34-47	48+	PÇT	PCT
۷,		.0	• າ	• 2	, r	.0	.0		, n	• 0	0	.0	•0	•0	.0	
:-2	. `	. 9	• €	• ?	.0	• ?	. 9		.0	. 9		.0	• 0	•0	, 9	
3-4	. :	.0	.9	• 0	٠,	٠.	. 9		•r	• 0		.0	•0	•0	.0	
5-0		.0	•^	•0	.=	٠.	•0		• •	• 0		.0	•0	•0	•0	
,	.:	.0	•€	•0	• 1	• •	• C		•0	• 0		۰.0	• 0	•0	.0	
8-9	• -	• 0	• 5	•0	• ^	•0	•0		• 2	•0		•0	•0	•0	.0	
10-1.	• :	. 2	•^	•^		.0	•0		• • •	•0		.0	•0	•0	•0	
12	• •	.0	•0	ڊ.	ر.	٠,	• :		• -	• 3		• ?	•0	• 0	•0	
.3-16	• •	٠.	•0	٠.:	• ?	• •	•:		• 2	• 9		٥٠,	•0	•0	.0	
17-19	•:	.0	• 2	.0	•	• • •	• 5		• 2			٠.	•0	•0	.0	
20-22	• 3	.2	۰۲	• ?	• • • • • • • • • • • • • • • • • • • •	•?	3.		• 5	. 9		.0	• 0	•0	•0	
23-25	• •		•0	•0	::	• • • •	• 5		• •	•5		.5	• 3	.5	•0	
25-32	• ?	.0	• č	•3	• 7	٠٥	• ;		• ?		• • • •	• 0	•0	.0	.0	
33-40	• ?	.0	• ^	.0	• ?	٠٠ ٥٠	• (		,	:	0	.0	•0	.0	:0	
61-68	.;		• 5	•0	: 6	3.	• • • • • • • • • • • • • • • • • • • •		,	• • •		.0		:5		
49-60 61-70				.0		٠:			• • • • • • • • • • • • • • • • • • • •			.0	•0	.0	.0	
71-00			•	.0		.0			'n			ŏ		.5		
67.			::	.0		.:			.0						ŏ	
TOT 257			:.			.0	1.0		.0			.0	•0			98.2

	-1%	SPEED	:×15;	VS 4E#	-EISHT	(FT)		
	(-3	4-15	11-21,	22-33	34-47	484	PCT	TUT
<1	2.7	2.7	.9	.0	.0	٥.	5.4	-1.5
1-2	1.8	27.3	9.1	.0	٥.	.0	38.6	
3-4	. 0	6.1	22.7	. 0	.0	٠.	31.8	
5-6	.0	2.7	12.7		.0	.0	15.5	
7	. c	.0	4.5	1.8	.0	.0	6.4	
8-9	.e	. 9	. 9	. 0	.0	.0	1.8	
10-11	. 0	.0	.0	ون	.0	.0	Ü.	
.,,			.č	.0	.0	.0	.0	
13-16		.0	.0	.0	.0	•0		
17-19		.5		č	.c	.0		
20-22		.5			٠.	.0	.č	
23-25	:0	.0	.c		.0	.0		
26-32	.0	č	.č		•¢	·c		
						.0		
33-40	•6	•0	•¢		.0		٥.	
41-48	.0	• 0	٠.				.0	
49-60	•0	•0	٠,				٠,٥	
A1-70	.c	•0	•0				•0	
71-86	٠.	•0	٠.				.0	
87+	.0	•0	•0	٠,	.0	•0	.0	
								110
TOT PET	4.5	42.7	50.9	1.8	•0	•0	100.0	

*E%10	): (Cv	£a-sı	) 194	9-1972					TABLE 1	. •											
				i	P##CE+1	FPE	DUENCY OF	HAY	E HFIGH	1T (F1	) V4 (	AVE PI	RIDO	SECON	151						
PF#170	∢.	1-2	3-4	5-6	7	6-9	10-11	12	13-16 I	7-19	50-55	23-25	20-32	33-40	<b>41-48</b>	49-60	61-70	71-86	87+	TOTAL	HEAN HGT
₹6 6•7	4.0	19.3	28.7	8.7	5.3	.7	.0	.0	• 0	.0	:0	.0	 	•0	.0	.0	:0	.0	:0	97 29	3
9-9 15-11	.5	.0	1.3	1.3	.0	.7	9.	.0	•0	.0	.0	.0	.0	•0	.0	.0	.0	.0	:0	9	5
12-13	• 9	.0	٥.	٥.	.0	. c	•6 •6	.0	• •	.0	,6	. G	.0	•0	.6	.0	.0	:5	:0	0	
17767 77746	3.3	2.0 34	4.0 63	.7 27	2.0 14	• 3	.5 1	•0	•0	٠0	٥:	٠٥	٥٠		.0	.0	.0	.0	.0	150	3
PCT	5.3	22.7	42.0	16.0	9.3	2.0	•7	.0	•0	•0	•0	•0	•0	•0	•0	•0	.0	.0	.0	100.0	

PERIODI	(PRIMARY)	1911-1971
	INVER-ALL L	1856-1091

TABLE 1

AREA 0009 KARIMATA STRAIT 1.85 108.35

PERCENT	FREQUENCY	ΠF	PEATHER	DECURPENCE	84	WIND	DIRECTIO

			•	RECIPI	TATIO	H TYPE					OTHER	MEATHER	PHEND	MENA	
WHO DIR	RAIN	RAIN SHWR	PRZL	FRZG OCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUP	THOR LING	FOG WD PCPN	FGG HG PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNO	NO SIG
N NF E SF S S N N N N N N N N N N N N N N N N	.0 19.0 3.7 .6 .0 .0	.0 1.8 .0 .0 30.8 .0	.0		000000000000	00000000000	000000000	19.0 7.3 1.3 1.6 30.8	.0 .0 5.5 .6 .0 .0 .0	3.7 3.4 .0 .0	.0 19.0 .9 .3 1.2 .0	000000000000000000000000000000000000000	• • • • • • • • • • • • • • • • • • • •	.00000000000000000000000000000000000000	.0 61.9 85.4 95 97.1 69.2 100.0
TOT PCT TOT CBS:	1.4	1.0	.7	•0	.0	.0	.0	3.1	1.7	3.1	.7	•0	•0	.0	92.0

TARLE 2

PERCENT	ERFOLENCY	ne	WEATHER	DECHARGNER	B	MOUR

			•	RFCIPI	CITAT	N TYPE					OTHER	WEATHER	PHEND	MFNA	
HOUR (GMT)	PAIN	PAIN SHWR	DRTL	FRIG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	FOR NO PCPN	FOG NO PLPY PAST HR		SPRAY BLWG DUST BLWG SNOW	
00603 06609 1261* 18671	1.5 1.5 2.5	1.3 1.5 1.5	1.3 .0 1.5	.0	.0	.0 .0	.0	2.7 3.0 4.5 2.5	3.0 1.5 2.5	0 4.5 7.4	1.3 1.5 .0	•0	•0	.0	96.0 92.5 89.6 90.1
TOT PLY	1.4	1.0	.7	.0	•0	.0	• •	3.1	1.7	3.1	.7	•0	•0	•0	92.1

TARLE :

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

HND DIR	0-3			EO (KN) 22-33		48+	TOTAL DBS	PCT FRFQ	MEAN SPD	00	03	05	HBUR 09	(GHT) 12	15	18	21
N NE E SE S S N N N N VAR CALM TOT CBS TD, PC+	.0 .1 .9 1.3 .8 .4 .0 .1 .0 .1 .2 .4 .0	.2 1.6 13.2 29.2 10.5 1.5 .4 .2 .0	2A.C 3.A 2A.C 3.A .1 .0 .0	.0 .0 .2 1.2 .0 .1 .1 .1	.00000000000000000000000000000000000000	000000000000000000000000000000000000000	852	.2 1.8 21.0 57.7 15.1 2.1 .5 .4 .0 1.2	7.6 6.6 9.4 10.9 8.7 7.5 10.5	.0 1.4 22.9 59.9 15.1 1.1 .5 .0 .0 .9	4.5 22.7 65.2 4.5 .0 .0 .0	25.1 55.6 11.6 3.3 .5 .7 .0 .9 ?22	1.4 2.4 26.7 49.8 15.9 3.4 .0 .5 .0 104 100.0	1.5 14.2 56.4 22.8 1.5 .7 .7 .0 2.2 137	25.0 70.8 4.2 .0 .0 .0	2.2 13.8 63.4 17.5 1.3 .4 .0 1.5 136	23.3 59.3 10.1 2.2 1.1 .0 .0 3.4 89

TARL	34	

WND DIR	C-6	WIND 7-16	SPEED 17-27	(KNDTS) 28-40	41+	TOTAL DES	PCT	MEAN SPD	00	HDU1 06 09	(GHT) 12 15	18 21
NE PESE SE	111 5.7 9.7 5.9 .8 .2 .2 .2 .0 1.2 211 24.8	.1 .6 14.6 41.9 8.2 1.3 .1 .0 573 67.3	5.7 1.0 .0 .1 .1 .0	.0	000000000000000000000000000000000000000	<b>8</b> 52	1.8 21.0 57.7 15.1 2.1 .5 .4 .0 1.2	7.5 6.6 9.4 10.9 8.7 7.5 10.5 8.5 .9	.0 1.6 22.0 60.5 14.3 1.0 .5 .0 .0	25.0 53.8 13.0 3.3 .0 0.0 326	1.3 15.1 57.6 21.3 1.3 .7 .7 .0 2.0 149	1.6 17.6 61.8 16.6 1.7 .7 .0 .0 2.2 225

AUGUST

LE \*

TAPLE -										1.4	WEE 0							
PCT FREG OF TOTAL GLOUD AMOUNT (FTGHTHS) BY WIND DIRECTION HEAN						PERCENTAGE EPEQUENCY OF CEILING HEIGHTS (FT/NH >4/8) AND DOCUMRENCE OF NM <5/8 BY WIND DIRECTION												
HAD DIS	0-2	3-4	5-7	3 8 385CD	TETAL TBS	CUPUT SEVER	000	15n	300 599	696 600	1000	4000 <b>3</b> 499	3500 49 <b>9</b> 9	5000 6499	6500 79 <b>9</b> 9	+€008	NH €5/8 ANY HGT	
Ν.		.0	.0	.0		• 2	• 3	• 2	• ?	• *	• 2	• 2	٠,	•0	.9	. 7	•0	
ΝE	. 1	.0	. 5	. 5		6.6	• 5	• 0	.0	.0	.0	. 5	.0	• 0	.0	.1	. 5	
£	3.2	5.2	8.4	2.3		4.0	• 0	. 0	.0	1.3	1.4	1.0	,0	.0	.0	. 4	15.0	
ŠE	13.5	17.8	22.0	6.6		4.4	•0	٠.		1.5	2.4	1.5	. 5	.0	. 5	.0	52.8	
5	4.1	3.0	6.1	2.3		4.7	• 0	. ^	. 0	. 3	1.0	1.0	.0	•0	•0		14.5	
Š-	.5	.4	.1	.1		4.8	• 0	• 0	, 0	.1	.0	. ?	.0	.0	• 17	.0	.5	
	.0			. 4		3.0	•6		, o	.4			. 0	.0	.0		•0	
Ÿ.	.:	Ď	, ,	.0		6.0	.0	.^		. ^		'n		.0	.0	.,	. 5	
VAR			.0	ñ		• 5	• 0			.0	i.c			.0	•0	. 6	•0	
CAL	.5	۰		. 5		<b>5.</b> 1	•0	.0		.0	.5	• 5	.0	.0	.0		.5	
TOT DAS	42	52	78	25	167	4.6	***	- "	• • • • • • • • • • • • • • • • • • • •	٠,	12	ă.	• • •	č	• •	• •	166	197
101 PCT	21.3	20.4	39.6	12.7	100.0	-,,,	• ŭ	•0	. 5	3.0	0.1	*•1	. 3	•0	. 5	• 5	84.3	100.0

TABLE 7

CUMULATIVE FCT FREQ DF SIMULTANEOUS OCCURRENCE DF CEILING MEIGHT (NM >4/8) AND VSBY (NM)

				VSBY (NM	;			
CEILING	• fix	- DR	<ul> <li>□ □Ř</li> </ul>	• DR	• Ck	⇒ OR	■ FR	■ DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• CK >6500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
■ DR >5000	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.0
# PK >3500	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
■ DK >2010	4.6	5.1	5.6	5.6	5.6	3.0	3.8	5.0
. CR >1000	10.3	11.3	11.8	11.8	11.6	11.0	11.4	11.0
■ DR >600	11.5	14.4	15.4	15.4	15.4	15.4	15.4	15.4
■ DR >300	12.3	14.9	15.0	15.9	15.9	15.9	15.9	15.9
■ DR >150	12.3	14.9	15.9	15.9	15.9	15.9	15.9	15.9
. 02 > 0	12.3	14.9	15.9	15.9	15.9	15.9	15.9	15.9
TOTAL	24	29	31	31	31	31	31	31

TOTAL NUMBER OF SES: 195 PCT FREG NH <5/8: 84.1

TABLE 74

PERCENTAGE PREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 4 6 7 8 DBSCD DBS 4.7 13.7 27.5 23.2 15.2 4.9 5.7 3.3 2.4 .0 211

								-							
PEPIJJI	(U/ER-ALL) 1	911-1971 954-1971							ALE 8					4 0009	KARIHATA STRAIT
			•	*RCE'-	T FRED PRE	CF mil	NL SIRE	CTION TANK	VS DCC	URRENC ALUES	E CR N OF VIS	IBILI	CURPENC TY	E OF	
	VSB4 (NH)		•	ĄE	Ē	Sŧ	\$	5>	•	NH	VAR	CAL"	FÇT	TOTAL	
	€1/2	PCP NO PCP TOT 4	·: ::	• • • •	•0 •0	.0 .0	•0	•0	.0	.0	.0	••	.c .c	085	
	1/2<1	PCP NO PCP TOT %	:2	••	0. 0.	•0	•0	• • • • • • • • • • • • • • • • • • • •	.0	.0	.0	•1	0.0		
	1<2	PCP NO PCP TOT %	.0	.3	.0	.0 .0	•0	.0	.0	.0	.0	.0	.0		
	2<5	PCP NO PCP TOT %	.?	. i	.0	.0 .0	•0	•6 •1 •1	.0	.0	.0	• 0	.3		
	<b>9&lt;1</b> 6	P(P 17 PLP 17 %	;	;;	.7 5 3.2	15.9 11.3	.3 1.2 1.5	.1	• • • • •	0.0	.0	•0	1.7 15.7 17.6		
	10+	PCP NO PCP TOT %	:	. 9	.7 15.2 15.9	.3 49.7 50.1	.0 13.1 13.1	• ?	.00	.0	.0	1.4 1.4	1.0 80.8 51.9		
		107 785 107 PC7	٠.	1.3	19.1	61.4	14.5	1.1	,3	.3	.0	1.4	100.0	287	

745LF 9

				PERCE	NT +6E #1T+	O OF HI	IND DIR	ECTION S OF V	VS WI ISIBIL	ND SPE	EED		
V\$8Y (%9)	SPO KTS	N	٧E	£	32	s	54	•	NY	¥4P	CAL	PCT	TOTAL OBS
	0-3				.0	.0	٠.	. າ	.0	.0	.0	.0	903
<1/2	4-10	.0					. 2	.0	.5		••	.5	
	11-21	.0	•0			.0	-0	.0	.0	.0		.0	
	22+	.0	•0	.0			.0	٠,	.0	.5		.0	
	TOT \$	•0	.0	•0	.с	.0	.0	.0	.0	.0	.0	.ŏ	
	2-3	.0	ن.	•0	.0	٠.১	::	٠.	٠.٥	٠.		.0	
1/2<1	4-10	. 5	.0	• •	• 2	.0	. 6	. 5	.0		••	ž	
	:1-21	٠.	.0	.0	.0	.0	.0	.0	.0			.5	
	22+	.0	٠.	.0		. 5	.0	.0	.0			ĕ	
	TOT %		.0	. 0	. 2	. 5	.5	•0	.ö		.0	.2	
						-				•••	••	••	
	0-3	.0	٠٥.	•0	.0	.0	.0	•0	.0	.0	ز .	.0	
1<2	4-10	.c	•0	• 0	.0	.0	. 0	.0	.0	.0	• •	.0	
	11-21	.0	.0	•0	.0	'n	.0	.0	. 0	, 6			
	55+	٠.	٥.	.0	. 5	٥.	.0	.0				.0	
	707 <b>%</b>	٠,	•0	•0	.3	.0	.0	.0	.0	.0	.0		
	0-3		٠.٥	.5	٠.٥	.0	٠,		٠,	. 3	.:	.:	
2<5	4-10	.0	.2	.0	. 2	.0	. 0	.0	. 0	.0	••		
	11-21	.0	.0	. 2	. 6	.0		i	.ŏ	ě		1.0	
	22+	.0	• 0	. 5	.0	ě	. 0	.0	. 0			*:0	
	TOT %	.0	• 2	.2	. 8	.0	•	•1	•0	.0	.0	4.4	
	0-3	.0	.1	.1	.1	.3	.2	.0	.0	٠.			
5<10	4-10	.0	. 5	1.6	3.0	.7	;;	.0	ň	:0	•0		
	11-21	.0	.0	. 8	4.2	. 3		·ŏ	ő	:6		6.7	
	22+	.0	.0	.0	.2		::	. 5	.ŏ	:ŏ		5.3	
	TOT %	.0	. 6	2.7	7.5	1.3	.,	.5	.0	.0	.0	13.0	
	0-3	.0	-1	.4	1.0	.1	.0	.0	.0	٠,0		2.4	
10+	4-10	. 1		12.5	29.0	9.4		٠,٠	.3	.5	• •		
	11-21	.0	. 0	4,4	21.5	4.1	:2	.0	.0			52.4	
	22+	•0	. 0	.0	4			.0	.0	.0		30.2	
	707 %	•1	. 5	17.3	51.9	13.6		•0	.3	.0	. 8	85.4	
	OT ORS											-	506
T	DT PCT	- 1	1.3	20.3	60.4	15.0	1.7	-1	. 3	.0	.1	100.0	300

AUGUST

PERICOI	(FRIMARY)	1911-1971
	(I VER-ALL)	1858-1971

TABLE 10

AREA 0009 KARIMATA STRAIT 1.85 108.0E

		****	4516456	 	
BEACEA!	FREQUENCY OF	CESTING		>4/87	* U.D

438R (547)	000 149	150 299	300 599	999	1000	2000 3499	9500 4999	5000 6499	6500 7999	6005+	TOTAL	NM <5/8 ANY HGT	TOTAL DBS
£0300	.0	۰.	1.7	3,4	5.2	.0	1.7	٥.	• •	.0	12.1	87.9	58
90360	.0	.0	.0	.0	10.4	6.3	•0	.0	•0	•0	16.7	43.3	48
12615	.0	•0	.0	2.2	2.2	8.7	•0	.0	2.2	•0	15.2	84.8	46
18381	.0	.0	.0	7.0	5.3	1.0	د.	•0	٠,	1.8	15.5	84.2	57
TOT PCT	.0	.0	.5	3.3	5.7	j. 8	.1	.0	.5	.5	31 14.8	178 85.2	209

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY V\$4	Y (44)	BY MOUR		\$UMULAT					CHN) YAZV RUDH YBACI	
#2,8 (G*T)	<1/2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TOTAL CBS</th> <th>⊨QUR (GHT)</th> <th></th> <th></th> <th></th> <th></th> <th>NH &lt;5/8 AND 5+</th> <th>TOTAL DB\$</th>	2<5	5<10	10+	TOTAL CBS	⊨QUR (GHT)					NH <5/8 AND 5+	TOTAL DB\$
00503	• 2	.0	•*	1.8	7.1	91.2	113	00603	• 2	1.9	5.6	7.4	87.0	54
06469	.0	.5	• ?	1.3	12.8	65.3	156	90300	.0	.0	2.2	15.2	82.6	46
12515	.5	.0	• •	1.0	13.6	85.4	103	12615	.0	.0	2.3	14.0	83.7	43
18621	٠.	.0	••	1.5	17.8	80.7	135	15621	.0	•0	1.7	9.6	62.7	52
TCT PCT	5	1 2	•	7	35	433 #5.4	507 100-0	707 735	n o	1	9	22	164	195

TARLE 13

TABLE 14

	PERC	ENT FR	EDUENC	# £ل ٧	ELATIV	E HUMI	DITY B	Y TEMP	TOTAL	PET		PERC	ENT FR	EOUENC	Y DF W	140 DIA	ECTION	84 T	EMP	
TEMP F	0-29	30-39	40-49	50-50	60-66	70-79	80-89	90-100		FRED	N	٩E	E	SE	\$	511		NW	VA:	CALM
85/89	د.					3.7	.9	•0	:1	5.1	•0	.0	1.3	2.9	. 8	.1	.0	.0	.0	.0
80/84	• 3	• 0	.0	•0	1.4	40.2	37.9	6.1	184	#6.0	•0	.5	15.2	53.9	14.7	. 6	.0	:0	.0	.9
75/79	• :	•^	•0	•0	•0	1.4	5.1	1.9	18	8.4	.0	. 5	2.9	3.9	. 2	.0	.0	. 5	.0	
70/74		.0	٠.	•0	.0	.0	•0	.5	1	.5	.0	.0		.0	.0	.1	. 4	.0	•0	.0
TOTAL	ن	Ü	ů	c	5	\$7			214	100.0					• •		• •		. •	• • •
PCT	.:	•0	•0	•0	2.3	45.3	43.9	8.4		•	•0	.9	17.4	6y.6	15.8	1.1	.4	.5	•0	1.4

TABLE 15

				1 46	ire 13									TABLE	10			
	-EAHS,	EXTREM	ES AND	PERCE	ITIL#S	OF TE	4P (DE	G F) 8	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	PTICIAL	BY HOUR	l
45UR (S#T) 70E03 75E09	90 93	994 86 92	75% 84 87	90% 62 83	5 <b>8</b> 76 7 <b>9</b>	1% 76 76	4IN 73 75	#EAN	TOTAL GBS 151 316	HQUR (547) 00603 06609	0-29	30-59 .0	60 <b>-69</b>	70-79 42.1 55.1	49.1 26.5	90-100 8.8 12.2	MEAN 81 79	TOTAL DAS 57 49
12614 18621 707	45 97 93	55 38	84 83 86	81 81 82	79 79 79	74 75 74	6? 75 69	\$1.3 80.9 81.8	149 227 843	12615 10621 TOT	.0	•0	2.1 1.6 5	52.1 30.1 98	39.6 55.7 94	6.3 6.6 18	80 82 81	48 61 215

AUGUST

PERIOD: PRIMARY) 1911-1971 .UVER-ALL) 1858-1971

TABLE 17

AREA 0009 KARIMATA STRAIT 1.85 108.05

										1.85 1	06
PCY FREG OF AIR	TEMPERA V	TURE \$ 418	(DEG I-SEA	F) AN TEXPE	PUTAP	OCCURR E DIFFE	RENCE OF S	DC 11	1174007	PRECIPITATION	1 5
	AIR-SEA	73 76			85 88	89 92	TOT	FÖE	WJ FAG		
	0 3 4 3 2 1 C 1 - 2 3 - 5 0 - 6 - 7 / - 8	1.4	000000000000000000000000000000000000000	.0 1.2 5.4 11.2 26.8 14.4	2.0824870070000	980 40 90 900 990	27 47 17 19 19 69 24 20 10 6	200000000000000000000000000000000000000	2.6 1.6 2.6 12.6 12.6 12.6 12.6 12.6 12.		
	TOTAL PLT	• 5	43 17•2	184	.0 15 5.0	.0 .0 3	250 250 200.0	•0	249 99.5		

PERIOD: (DVER-ALL) 1963-1971

				•	CT FRED	OF WIND	SPEED	(KTS)	AND DIR	ECTION	VERS	4 & HET	GHTS 1FT		
HGT	1-3	4-10	11-21	N 22-33	34-47						- •			•	
<b>&lt;</b> 1	• 0	.0		_		48+	PCT		1-3	4-10	11-21	۷E 22-33	34-47		
1-2			.0	•0	.0	•0	*0			.0	.0	•0		48+	PCT
3-4	. 2	.0	•6		• 2	•0	•0		. ,	. 4	.č	.0	•0	.0	• 0
5-6	. 0		ěč	• 0	٠,	٠Ç	•0		.0	.0	.0	.0		•0	. 4
7	.0	.0	.0	٠,	٠.	٠٥	٠.		. ?		٠٥		•0	.0	.0
8-9	• 0	.0	ŏ	•0	.0	•0	•0			.0		•0	•0	.0	•0
10-11	.0	.0	•0	•0	•0	•0	.0			.5		•0	•0	•0	•0
12	.0	.0	.0	•0	.0	•0	• ^		. 7	.0	. 6	.0	• 2	.0	•0
13-16	. 5	.ŏ	.0	•0	• • •	•0	.0		. 0	.0	.0	•0	•0	.0	•0
. 17-19	. 5	.5	.0	•0	.0	•0	.0		.0	.0	.0		• 2	•0	•0
20-22	.0	ě	.0	• 0	.0	•0	.0		. 0	.0	.0	.0	• 9	.0	•0
23-25		ő	•0	•0	.0	•0	.0		. 5		.0	.0	•0	.0	.0
26-32	.5	.0		•0	• 0	٠.0	.0			.5	.0	•0	•0	.0	•0
33-40	.5	.0	•0	•0	.0	-0	.0		, ,	.0		•0	•0	.0	• 0
41-48	.0	.0	•0	•0	.0	•0	.0		. 6	.0	•0	.0	•0	.0	•0
49-60	.0	.0	•0	٠.	.0	•0	. C		ő	ŏ	.0	• 0	• 0	.0	•0
61-73	š	.0	•0	•0	.0	•0	.c		.0	.0	.0	•0	•0	۰.	.0
71-86			•0	•0	. ?	•0	•0		ŏ	.0	.0	•0	•0	.0	•0
87+		•0	•0	•0	.0	.0			ő	.0	•0	•0	•0	.0	•0
TOT PET	.5	.0	•0	•0	.0	-0	.0		.,,		.0	.0	•0	.0	•0
101 761	• 5	. 0	.0	.0	.0	.0			.5	•0	.0	•0	•0	.0	.0
							••		• •	.4	.0	•0	•0	.0	44
				E											
HGT	1-3	4-10	11-21	22-33	34-47							SE			
</td <td>.0</td> <td>.6</td> <td></td> <td>.0</td> <td></td> <td>48+</td> <td>PCT</td> <td></td> <td>1-3</td> <td>4-10</td> <td>11-21</td> <td>22-33</td> <td>34-47</td> <td>48+</td> <td></td>	.0	.6		.0		48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	
1-2	.0	7.2	3.1	.0	•9	٠.6	•6		•^	1.0		.0	40		PCT
3-4	.0		2.0	:3	• • •	.0	10.2		.0	17.4	5.6	•0		.0	1.8
5-6	.0			.0		•0	3.7		, n	#16	19.9	:0	•0	.0	26.0
7	.0	.0		:0	•0	٠,	.6		.0		6.8		•0	.0	20.5
8-9	. 0	.0	.0	.0	•0	• 0	. 8		.0	.0		.0	•0	.0	8.0
10-11	• 0	.0	.0	.0	•0	•0	• 0		.0	•0	.0	.0	•0	.0	•0
12	. 0	.0	.0		.0	-0	.0		.0	.0	ŏ	.0		.0	•0
13-16	, č	.0	Ċ	.s	•?	•0	•0		. 0	ěŏ	.0	.0	•0	•0	•0
17-19	, 5	.č	.0		•0	۰۵	.0		c	·c	•0		•0	• 0	•0
20-22	.0	.0		.0	•0	.0	.0		.0	č	.0	•0	•0	.0	•0
23-25			•0	.0	•¢	.0	•0		.0	.0	.0	•0	•0	.0	•0
26-32	ě	.0	•0	•0	.0	•0	.0			ű		•0	•0	.0	.0
33-40	٥٥	.0	•0	.0	•0	.0	.0		Ď	.0	•0	•0	•0	.0	•0
41-48		.0	•0	.0	•0	٠Ç	ě.Č		č	ñ	• 0	•0	+0	.0	•0
49-60	.0		•0	٠.	• 2	•0	.0		ě		•0	•0	•0	.0	•0
61-70		.0	•0	.0	•0	.0	.0		ŏ	.0	•0	•0	• 0	.0	•0
72-86	:0	٠0	•0	.0	.0	•0	Ö		ě	.0	•0	•0	•0	.0	.0
874		.0	•0	•0	•0	•0	ō		.0	•0	•0	•0	•0	.0	•0
707 PCT	.0	.0	_•0	.0	.0	•0	.0		ő	•0	•0	• 0	• 0	.0	.0
	••	1.6	7.6	.0	•0	•0	16.2		.0	27.5		•0	•0	.0	•0
						-			••	4/47	36.1	. 8	•0	.c	64.3

									AUGUST							<b>-</b>
PEHIODI	TUVE	X-ALL)	1463-	1971				TABLE	18 (CUNT	<b>,</b>			AREA		ARIMAT 85 108	A STRAIT
				20	T FLEO	OF WIND	SPEED	(KTS)	AND DIRE	CTION	YERSUS S	En 4FIC	HTS LFT	,		
нст	1-3	4-10	11-21	5 22-13	34-47	48+	PCT		1-3	4-10	11-21	SW 22-33	34-47	48+	PCT	
<1			.0	.0	.3					0,0		.0	•0	.0	.0	
1-2	. 0	7.0	. 6	.0	,0		7.6			ő		•0	•0	.0	.2	
3-4	.0	1.2	3.1	.0		. 3	7.3			ñ		•0	ě	ĕ	.4	
5-6	.0	1.2	2.3	.0	.0		3.5			.0		.0			.0	
7	.0	.0	. c	.0	.0	.0	.0		ō	.0		à	.0		ŏ	
8-9	.0	9.	•0	.0	, n	.0	.0		.0	.0		.0	.0	.0	.0	
10-11	.0	.0	· C	.0	.0	•0	,0		٠	.0	.0	.0	•0	.0	.c	
12	.0	.0	.0	.0	n.	-0	.0		.0	· o		.0	•0	.0	.0	
13-16	.3	.0	.0	-0	.0	• 0	.0		40	.0		.0	•0	ō	.0	
17-15	.0	.0	.0	.0	٠.	.0	.0		, n	.0		.0	•0	.0	•0	
20-22	.0	.0	•0	.0	.0	•0	,c		• 0	•0	.0	.0	• 0	.0	.0	
23-25	.0	.0	•0	•0	.0	.0	• C		.0	'n	.0	-0	•0	.0	.0	
26-32	.c	.0	.0	.0	.0	.0	.0		•0	.0	.0	•0	• 0	.0	.0	
33-40	.0	.0	• 0	•9	.0	.0	•0		.0		•0	.0	• 3	·C	.0	
41-48	٠.	.0	• 17	.0	.0	•0	• 0		.0	.0	.0	•0	~0		.0	
49-60	•0	.0	•0	. າ	•0	.0	.0		.0			•0	•0	.0	.0	
61-70	.0	•0	•0	•0	.0	•0	٠,٥		.0	•0		•0	•^	.0	• 0	
71-86	.0	.0	•0	•0	.0	•0	.0		•6	•0		.0	•0	.0	•0	
87+	٥.		•0	.0	.0	•0	.0		• ?	•0		• • • • • • • • • • • • • • • • • • • •	•0	.0	.0	
TOT PCT	•0	10.2	5.9	•0	••	•0	16.2		•0	•0	.6	•0	•0	•0	.6	
				W								<b>58</b>				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-2:	27-33	34-47	48+	TCT	PCT
<1	٠,٥	.0	•0	•0	.0	.0	•0		•0	.0	•0	۰,0	.0	•0	•0	
3-2	.0	.0	.6	•0	.0	•0	.6		•0	٥.	٥٥	• 0	.0	.0	.0	
y=4	• 0	. 3	• 0	-0	.0	•0	•0		•0	•0		• • • •	•0	.0	•0	
5-6	.0	.0	•0	• 9	• 6	•0	•0		• 2	•0		. 0	•0	.0	•0	
.7,	٠,٥	.0	•0	•0	.0	.0	•0		•0	•0		•0	•0	. 0	•0	
8-9 10-11	٠٥.	•0	30	•0	.0	•0	•0		•0	•0		•0	• 0	•0	•0	
	٠,	•0	• (4	•0	.5	•0	• 3		•:	۰0		•0	•0	•0	•¢	
12 13-16	•0	.0	•0	•0	•0	•0	•0		•0	•0		•0	•0	.9	•0	
17-19	•0	•0	•0	.0	•0	•0	•0		.0	•0		•0	•0	.0	•0	
26-22	.0	.0	• 0	.0	• ?	.0	•0		• 2	•0		-0	•0	.0	•0	
23-25	.c	.0	•0	•0	•0	•0	•0		•0	• 0		•0	•0	٠.	•0	
26-32	.0	.0	•0	•0	• ?	.0	•0		•0	•0		•0	•6	.0	•0	
33-40	ŏ	.0	•0	.0	•0	.0	•0		•0	•0		•0	•0	.0	)	
41-48	.0	.0	•0		.0	.0	.0		0.	٥.		•0	•0	.0		
42-60	č	.0	•0	.0	.0	•0				.0	• •	•0	•0	•0	•:	
61-70	.0	.0	•0	•0			.0		•6	.0		•0	•9	•0	•0	
71-46	.3	.5	•0	.5	.0	•0	٥٠		.0	.0		•0	•0	•5	•0	
87+	.0		•0	•0	.0	.0	.0		ຸນ ນ	.0		•0	• 0	•0	•0	
TOT PCT	.0	.0	36	•0	.5	.0	.6		.0	.0		• 0	•0	•0	•0	
	••	.0	,0	•0	• 5	.0	• 0		• 17	• 0	•0	•0	•0	•0	•0	98.4

*'. j* 

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Ò

	#1*ID	SPECO	(KTS)	VS SEA	HETGHT	(57)		
467	0-3	4-13	1,-51	22-33	34-47	45+	PCT	TOT
<1	2.4	2.4	-8	.0	٠.	.0	5.7	1353
:-2	.0	31.7	13.0	.0	.0		44.7	
3-0	.0	10.5	26.0	.0	.0	.0	30.0	
5-6	•0	1.5	9.4	. 6	.0	.0	12.4	
7	.0			. 0		.0		
8-9	.0	.0	.0		.0	.?	.0	
10-11	.0	.0	.0		.0	ä	č	
12	.0	.0	. C	, n	.0	.0	ŭ	
13-16	.0	ŏ	. c	ñ	.0	.0		
17-19	.0	.0	.c	. 0	.0	.õ	-0	
20-22	·ò	č		.0	.0	.õ.	ò	
73-25	,ŏ	.0		ě	٥٠	.ŏ	.0	
26-32	.0		.č	š	.0	.ŏ	ŏ	
33-40	ě	.ŏ		Č	.ŏ			
41-48	.ŏ	Š		•0	.0	."	.0	
49+60	ŏ	.0						
			•0	•0	.0	.0	٠.	
61-70	•0	•0	•0	•0	.0	.0	•0	
71-86	•0	٠,٥	.0	•0	• ?	• 0	• 0	
97+	•0	•0	•0	•0	•0	•0	.0	
TET PCT	2.4	46.3	50.4	.8	.0	.0	100.0	123

PERIODI (GVER-4LL) 1949-1971 TABLE 19 PERIOD (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 49-60 61-70 71-86 .0 119 34 39 0 3 1 14 174 100.0 .0 .0 .0 .0 .0 .0 7 2.9 2.3 .0 .0 .0 .0 8-9 1.1 .0 .0 .0 .0 .0.0.0 1-2 21.3 2.3 .0 .0 .0 .0 .0 .4 224.1 3-4 31.6 5.2 .0 .0 1.1 .0 2.3 70 40.2 5-6 10.3 8.6 1.7 .0 .6 .6 .6 39 72.4 MEAN HGT 3 5 9 0000000000 ......... 0000000000 0000000000 .000000000 000000000 .00000000

#### SEPTEMBER

PERIOD: (PRIMARY) 1011-1-71 (UVER-ALL) 1856-1971

TO THE PARTY OF TH

TABLE 1

AREA 0009 KARIMATA STRAIT 1.85 108.0F

PEPCENT FREQUENCY OF AFATHER UCCURRENCE BY WIND DIRECTION

			Þ	RFCIPI	TATIU	N TYPE					OTHER	WEATHER	PHENO	MENA	
MHD Lis	PAIN	BAJN Shwr	T#7L	FR7G PCPN	SNOP	OTHER FRZIA PCPN	HAIL	PCPN AT GB 1165	PCPH PAST HEUF	THDR LT"G	FDG 40 PCPN	FOG WO PCPN PAST HR	SHONE HA7F	SPRAY ELWG DIST BLWG SNOW	NC SIG WFA
NF E SE SH NA VAR CALM	2.0 2.6 .0 11.6 15.8	44.4 .0 3.4 .0 .0 .0	.0 .0 .0 .0 2.3 15.8	.00.00	00000000000		.00000000000000000000000000000000000000	44.4 .0 5.4 4.1 .0 14.0 31.6	.0 2.0 1.3 .0 9.3 21.1	13.3 1.5 1.1 4.2 9.3 .0 30.4	.0 .0 5.2 .0 .0 .0	000000000000000000000000000000000000000	2.0 2.0 1.4 4.2 .0	000000000000000000000000000000000000000	55.6 86.7 89.2 86.7 91.6 67.4 47.4 63.6
TOT PCT TOT CBS:	2.6 273	1.8	.7	.0	.0	.0	۰,	5.1	1.8	2.6	2.9	•0	1.8	•0	85.7

TABLE 2

DEBCENT	EDEMI. SECV	25	SEATURE	COCHERCACACE	20	HOHE

			P	RFCIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HCUR (GMT)	PAIN	PAIN Shwr	t#7L	FR7G PCP4	SNON	OTHER FRIN FCPN	HAIL	PCPN AT 03 TIME	PCPN PAST HEUR	THOR LTNG	FOG NO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
00403 06609 12615 18621	3.0 .0 5.9	3.0 .0 3.3 1.4	1.5	.0	.0	.0	.0	7.5 1.3 3.3 8.3	3.0 2.5 1.5	1.5 .C 3.3 5.6	1.5 5.1 1.0 2.8	• • • • • • • • • • • • • • • • • • • •	1.5 2.5 .0 2.8	.0	84.6 85.6 90.2 80.6
TOT PCT	2.5 278	1.8	.7	.0	•0	•0	.0	5.0	1.8	2.5	2.9	•0	1.8	.0	86.0

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		411	10 SPE	ED (KN)	275)								HOUR	(G4T)			
NAO CIS	2-3			72-33		45+	JATET Seu	Prt Frfq	SPD	00	03	96	09	12	15	18	21
Äŧ	:.2	2.7	. 2	:3	.0.	•0		4.0	5.8	2.4	•0	3.7	1.1	1.5	2.8	3.5	5.9
SE S	2.5	30.7 10.5	19.0	.5	00.0	0.0		17.8 52.5 15.5	9.2 9.8 8.5	19.7 55.6 13.0	40.0 35.0 20.0	17.5 54.2 14.5	20.7 45.7 15.5	13.9 52.7 18.8	25.0 44.4 22.2	16.4 51.8 16.4	17.8 54.5 13.9
S»	.2	2.6	.3	.5	•0	•0		1.8	7.1 7.8 6.7	3.0	2.0	3.1	3.2	2.7	•0	2.7	2.5 .5 2.5
VAR Cal <sup>w</sup>	.2 .0 3.1	•0	.1 .c	.0	•0	.3		1.2 .0 3.1	5	2.1 .0 2.3	•0	.7 .9 2.8	1.1 .0 5.3	1.5 .0 2.9	•0	.4 .0 3.9	3.0
TOT PET	19.5	499 60.3	734 29.9	.5	.0	•0	828	100.0	6,8	133	10	210	100.0	137	9	128	101

WND SIR	0=6	#IND 7-16	SPEED 17-27	'KNCTS) 28-40	41+	TOTAL URS	PCT FREQ	MEAN Spu	00. 03		12 12 15	18 21
to to	. ŧ	.2	.0	.0	.6.		. 8	4.8	.9	.8	1.4	.2
۸E	2.6	1.4	.0	.0	.0		4.0	5.8	2.3	4.4	3.9	4.5
p _	6.7	11.7	1.4	.0	.0		17.8	9.2	21.2	18.5	14.6	17.0
36	12.5	36.5	3,5	•0	.0		52.5	9.8	54.2	51.6	52.2	52.9
\$	5.7	9.2	.7	.0	. 0		15.5	8.5	13.5	15.1	19.0	15.3
e <sub>M</sub>	1.6	1.1	. 2	, č	.0		3.1	7.1	3.1	3.0	2.9	3.4
٠,	1.1	. 5	. 3		.0		1.8	7.8	. 9	2.3	1.9	1.7
Ñ.	.,,	. 5		٥٠	5.		1.2	6.7	1.9		1.4	1.3
VAR	. 0		.0		•0		.0			.0		.0
CALP	3.1	•••	••	• • •	•••		3.1		2.1	3.5	2.7	3.5
70° 005	272	505	51	C	G	828	711	e.ê	143	310	146	229
TOT DET	35.6	61.0	4.3				100.0	- • •		100.0		

SEPTEMBER

							367 1641						
PERIOD: (PRIMARY) (FVEP-ALL)	1911-197 1856-197						TAPLE	4			AREA	0009	A STRAIT 8.0E
			PER	CENTAGE	FREOU	FNCY DF	WIND !	SPEED BY	HOUR	(GFT)			
	4004	CALP	1-3	4-10			(KNPTS 34-4		MEAN	PCT FREQ	TOTAL		
	07603 06609 12615 1#621 TOT PCT	2.1 3.5 2.7 3.5 26 3.1	7.7 7.4 6.2 7.9 61 7.4	62.9 56.1 56.2 62.9 499	27.3 30.0 30.8 25.8 236 28.5	1.0 2.1		0 .0	e.9 9.2	100.0 100.0 100.0	143 310 146 229 525		

PCT FREG OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

TABLE 6
PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH >4/8)

	FC1 F38			D DIRFC		6104131							NH <5/					
WND DIA	0-2	3-4	5-7	3 6	TRTAL Cas	COVER	300 149	150 299	300	600 600	1000	4000 3499	350C 4999	5000 6499	6500 79 <b>9</b> 9	8000+	NH <5/8	
24	.4	.0	.3	.6		5.7	•0	.0	.0	,6	.0	•0	.c	•0	.0	.0	.7	
NE	. 3	.0	.7	2.5		7.2	•0	.0	.0	.0	.6	.0	. 6	•0	.0	.1	2.2	
E	4.1	3.5	5.3	6.1		5.7	•6	. 7	.4	.0	4.4	.6	.0	•0	.0	1.0	12.0	
SE	7.6	11.0	23.7	9.9		5.1	•0	.0	.7	1.8	6.7	2.3	, c	• 6	.0	.0	39.6	
S	1.5	2.5	5.6	4.2		5.5	•0	.0	.0	.6	1.2	1.2	• C	•0	.0	• ?	11.1	
Sh	.7	1.2	1.6	1.2		5.2	•0	• 2	.0	.6	.7	.6	•C	•0	•0	.0	2.8	
d	. 0	.0	1.8	• 6		5.6	•0	•0	• 0	.6	.4	• 0	.0	•0	•0	.0	1.3	
Ne	.0	.0	. 4			7.4	•0	•0	.0	.0	.6	٠٠	•C	•0	•0	.0	.4	
VAR	.0	.0	•0	•0		•0	• 0	.0	.0	.0	.0	•0	•c	•0	.0	•0	•0	
CALM	.0	.0	1.7	1.2		7.2	•0	.0	.0	•0	1.2	•0	.0	•0	.0	.0		
TOT UBS	25	31	69	46	171	5.4	1	0	2	7	27	8	1	1	0	2	122	171
TOT PCT	14.0	18.1	40.4	26.9	100.0		•6	•0	1.2	4.1	15.8	4.7	, ė	• •	•0	1.2	71.3	100.0

TABLE 7

CUMULATIVE PCT FREG OF SIMULTANEOUS DECURPENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

				VSBY (NH	19			
CEILING	e je	- DR	= SR	a fir	■ DR	• OR	• DR	- DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• CR >6500	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
■ DR >5000	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
• PR >3500	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
■ fiR >2000	6.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4
■ CR >1000	19.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
● 7R >600	21.7	27.4	27.4	27.4	27.4	27.4	27.4	27.4
■ TR >300	22.4	28.6	26.6	26.6	26.6	28.6	28.6	28.6
● CR >150	22.9	28.6	28.6	28.6	28.6	28.6	28.6	28.6
• DR > 0	22.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1
TOTAL	40	51	51	51	51	51	51	51

TOTAL NUMBER OF OBS: 175 FREG NH <5/81 70.9

TABLE 74

PERCENTAGE PREG OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 9 6 7 8 085C0 085 9.3 14.1 16.1 19.3 13.0 5.7 2.6 7.3 13.0 .5 192

								<b>4</b> -,,							
PERIOD: (PRIMARY) (OVER-ALL								TAS	SEE 8				ARE.	4 0009	KARIMATA STRAIT 1.85 108.0E
			*1	RCENT	FREQ PREC	OF W:N IPIIAT	D DIRECTION WI	TH VAR	YING V	IRRENCI ALUES (	FOR N	ON-OCC	URRENC Y	E OF	
	8Y		N	NE	Ε	SE	\$	S٧	•	Na	AVS	CAL	PCT	TOPAL OBS	
•••	•••	PCP	.0	.0	.0	.0	•0	•0	.0	.0	.0	•0	.0		
-1	/2	NO PCP	ä	.0	ō	ě	•0	• 2	ě	.0	.3	• 6	č		
•	.,.	TOT %	ó	ŏ	ŏ	ě	.0	á	Č	•0	. 5	. 8	.0		
		PCP	)	.0	.0	.0	•0	•0	.0	.0	.0	.0	.0		
•	201	NO PCP		້ຳ	ě	2.5	•0		ň	.0	.0	.0	2.6		
• *		TOT &		ú	ŏ	2.6	• 6	.0	. 5	. 5	. 5	.0	2.6		
			••	••	••	•••	•••	• .,	••	•••	•••	•••			
		PCP	.0	.0	•0	•0	•0	• ^	.0	.0	.0	• 0	.0		
1<	(2	NO PCP	.0	,0	.0	. 5	.5	• 0	•0	•0	•0	•0	1.1		
		TOT \$	.0	. ၁	•0	.5	• 5	• າ	•^	• •	•0	• 0	1.1		
		PCP	٠,	.0	.0	.4	.0	• 1	. 3	.0	.0	.0	.7		
24	- 4	ND PCP	ó	.0	.4		.4		ā	.5		• 0	. 7		
•		TOT &			.4	.4		• • • •	. 3	•0		.0	1.5		
			••	• /	• •	• •	• •	••	• • •		•	•	• • •		
		PCP	.c	. 3	.4	.0	•0	• ^	.0	•0	• 2	.4	.7		
5<	(10	NO PCP	.0	.5	2.1	15.5	2.3	. ?	. 4	. 4	.0	• 0	21.2		
		TOT \$	•0	. 5	2.5	15.5	2.3	• 2	.4	.4	•0	.4	22.0		
		PCP	.4	.0	.6	1.9	•0	. 5	. 3	, i)	.0	•0	3.7		
10	3-	ND PCP	. 5	2.3	15.2	35.6	9.9	3.2	, 9	.6	.0	1.1	69.2		
•		7°7 %		2.3	15.9	37.5	6,9	3.7	1.1		.0	1.1	72.9		
		TOT DBS												273	1
		TOT PCT	. A	2.7	1147	56.5	13.1	3.9	1.7	1.0	.0	1.5	100.0	• • •	•

TABLE 9

							TASLE	4					
			i	PFRCEN	T FREQ	OF WIN	D DIRE	CTION OF VI	VS WIT	IC SPE	ÉD		
VSBY (NM)	SPD KTS	N	NE	E	SE	5	SW	×	NW	VAR	CALS	PCT	TUTAL URS
,	0-3	.0	. 0	.0	.0	.0	. ა	.0	٠,	.0	.0	, 0	•
<1/2	4-10	.0	.0	ŏ	.0	.6	.0	.0	.0	.0	• • •	.0	
	11-21	.ŏ	. ō	.0	.ò	Ĭò	. 6	.0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	. 3	.0	.0	.0		.0	
	TOT %	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	•0	•0	•0	0	•0	• 0	.0	•0	.0		.0	
	11-21	.0	.c	٥.	1.4	.0	٠,٥	.3	• •	.0		1.4	
	22+	٠.	.0	•0	0	•0	.0	••	.0	.0		0	
	TOT \$	•0	•0	•0	1.4	•0	.0	.0	.0	.0	٠.	1.4	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<5	4-10	•0	•0	•0	•7	.3	: 2	•0	.0	.0		1.2	
	11-21	.0	•0	•0	٠,٥	.0	.0	•0	٠.	.0		.0	
	22+	.0	.0	• 6	.0	•0	•0	٠,	.0	.0	_	0	
	TOT \$	•0	.0	.0	.7	.3	.2	.0	.0	.0	•0	1.2	
	0-3	.0	.0	.2	.0	.0	.0	.0	. 2	.0	.0	.4	
2<5	4-10	.0	.0	.2	- 4	•0	*	• 1	•0	.ç			
	11-21	• 5	.0	.0	.0	•2	.0	.0	.0	.0		.2	
	22+	٠.	••	.2	.0	•0	. 3	٠,	.0	.0		. • 2	
	TOT \$	.0	٠.	.6	.4	.2	•	•1	.2	•0	•0	1.6	
	0-3	.0	٠.	.5	. 2	.3	٠.	.0	•0	.0	.2	1.2	
5<10		.0	.2	• 6	5.4	.6	٠2	• •	-4	٠,		7.9	
	11-21	٠.	.c	.9	4.5		.0	-0	•0	.0		6.5	
	22+	.0	.0	.0	2	.•0	.0	•0	•0	•¢		2	
	TOT %	.0	. 2	2.0	10.6	1.7	.2	•	.4	.0	• 2	15.7	
	0-3	.3	7	1.3	1.5	• 7	. • 2	.5	•	.0	2.8		
10+	4-10	.3	1.5	11.1	26.4	6.0	1.8	٠2	.6	٥.		48.6	
	11-21	.0	•0	4.8	15.6	2.2	٠2	•0	• ?	•0		23.0	
	22+	.0	0		3	1	0	•0	• 0	•0	•	43.4	
	TOT \$	.6	2.2	17.2	44.0	9.7	2.2	• •	.6	.0	2.4	85.1	
	TOT DES									_			908
	TOT PCT	.6	2.5	19.5	57.0	12.0	2.6	1.3	1.2	•0	3.0	100.0	

SEPTEMBER

PERIOD: (PRIMARY) 1911-1971 (OVER-ALL) 1856-1971

TAPLE 10

AREA 0009 KARIMATA STRAIT 1.85 108.0E

# PERFINT FPEQUENCY OF CRIZING HEIGHTS (FEET/NH >4/8) AND GCCURRENCE OF NH <5/6 BY HOUR

HOUR (GHT)	000 149	140 499	300 599	999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00103	7.0	.0	2.0	.0	26.5	2.0	.0	2.0	.0	2.0	36.7	63.3	49
90360	.0	.0	.0	1.9	9.6	1.0	.0	٠.	.0	•0	13.5	86.5	52
12614	.0	.3	•0	7.0	9,3	4.7	2.3	•0	2.3	7.3	27.9	72.1	43
16671	.0	.0	2.3	7.0	14.0	9.3	٠.	٠.	.0	•0	32.6	07.4	43
T7T	1.5	0	2	7	28	6.3	1.5	1	1	2	51 27.3	136 72.7	187

TARLE 11

TABLE 12

		PERCENT	FREQUEN	CY V\$#1	( (NH)	BY HOUP		CUMULAT					1787 (44) 1787 HOUR	
HOUR (CAT)	<1/2	1/2<1	1 < 2	2<5	5<10	10+	TOTAL DSS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
E0300	.0	.9	1.0	.9	10.0	80.4	110	00203	2.1	4.3	4.3	34.0	61.7	47
90300	.0	2.0	.7	3.3	13.1	81.0	153	06609	•0	.0	2.0	12.2	85.7	49
12619	.0	1.0	2.0	1.0	19.6	76.5	102	12615	,0	•0	7.7	23.1	69.2	39
18621	. ?	1.4	.7	.7	19.5	77.7	148	16221	•5	2.5	10.0	25.0	65.0	40
TST	0	7	1.2	8	80 15.6	412	513 100-6	TOT	1	3	10 5.7	41 23,4	124 70.9	175 100.0

TAPLE 13

TABLE 1

TAPLE 13															PBL					
	PERCENT PREDUENCY OF PELATIVE MUMIDITY BY TEMP TOTAL PET										PERC	ENT PR	EQUENC	Y OF W	IND DI	RECTION	BY T	EMP		
TEMP F	0-29	30-39	40-49	50-59	•6	9 70-79	80-89	90-100		PREQ	N	NE	E	SE	5	SH	*	MH	VAR	CALM
90/94	.0	•0		•0		0 .5			1	.5	.0	.0	.0	.5	.0	٠0	.0	.0	.0	٠,
85/99	.0	.0	.0	5		C 4.0	1.4	c	17	7.9	•0	•1	2.8	4.1	.5	.5	.0	٠0	.0	.0
80/84	٠.	.0	.0	•0		9 34.4	37.2	10.7	119	23.3	.2	2.1	12.2	51.4	11.0	3.0	1.2	.7	•0	1.4
75/79		. 0		.0		0 1.4	3.7	2.3	16	7.4	.5	.5	1.0	3.3		.7	.7	.0	٠٥	.0
70/74	.0					0 .0			2	. 9	.0	•0	• •	.4	. 6	.1	.0	.0	-0	•0
TOTAL	3		•			2 91			215	100.0	_							-	_	
PCT	.0	.0	•0	. 5	•	9 42.3	43.3	13.0			•7	2.7	10.0	59.2	13.1	4.3	1.9	• 7	•0	1.4

TARLE 15 MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

748LE 16

HOUR	MAX	998	*5%	40%	54	1%	MIN	PEAN	TOTAL
(GMT)									CBS
60300	90	86	84	82	79	74	74	81.4	140
90340	94	90	87	83	é c	75	72	83.1	297
12615	86	45	84	82	79	77	/5	81.6	144
18621	15	84	13	81	78	75	74	81.0	229
	4.0		- 11		30	94	72		

	•			
		M	£	

PERIOD: (PRIMARY) 1911-1971 (OVER-ALL) 1856-1971

TABLE 17

AREA 0000 KARIHATA STRAIT 1.85 108.0E

PLT FRED UP AIR TEMPERATURE CUES FO AND THE PECLERRENCE OF POR EMITMONT PRECIPITATIONS VS AIR-SEA TEMPERATURE DIFFERENCE (CES F)

							. ,	
AIP-SEA THP DIF	73 76			85	89 96	TOT	*D6	WD FCG
7/8	.0	.0	, 5	.0	1.0	3	•0	1.4
5	.0	.0	1.0	. 5	.0	i	.0	1.4
4	.0	.0		2.4	.0	7	.,	
3 2 1	.0	.0			ñ	\$		2.9
7							• 0	1.0
•	.0	.0		1.9	.0	21	.0	10.1
1	.0	1.0		1.9	.0	28	• 0	13.5
U	. 0	3.6		.,	.0	54	.0	26.0
-1	٠.	3,4	12.0		. c	34		16.3
-2	.5	1.9	9.6	်	.,	25		
-2 -3	.0	2.9	1.9				• 3	15.0
-,				•0	.0	10	• 0	4.8
-4	.0	1.4	2.4	• **	• 0		.0	4.5
-5	.0	2.4	1.0	•0	٠,0	7	• • •	3,4
-t	.0	1.0	.0	.c	.0	7 2 3 2		1.0
-7/-8	.0	1.4	. 0		.0	•		
-9/-10			.6			•	•0	1.4
TOTAL		• •		•0	.0	Z	.0	1.0
IDIAL	3		145		2		2	200
		41		17		209		
PCT	1.4	19.7	63.7	8.7	1.0	120.0		100.3

PERIOD: (CVER-ALL) 1963-1971

								ACTA 7	,						
				P	T FPEC	OF WIND	SPEED	(KTS) AND D	RECTI	ON 1	VERSUS S	EA HEIG	HTS (FT	)	
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	<b>*</b> CT	•	, 1 4	-10	•• ••	NE.			
<1	.0	.0	.0	.0	.0	.0	· c		'n	-,0	11-21	27-33	34-47	48+	PCT
1-2	.c	1.0	.0	.5	ă	••	1.6	•	, r	1.0	.0	-0	• 0	.0	.0
3-4	.0	0.	.0	Ď	.0	.0		•	.0		.0	.0	•0	•0	1.0
5-6	.0	.0		.5	Ö	.c	č		C	٠2	•0	•0	•0	.0	.2
7	.0	.0	.0	.0			ě		ő	.0	•0	٠,	•0	.0	•0
8-9	٠.5	٥.	٠.	.0		::	c		Ċ	. 5	.0	•0	•0	.0	•0
10-11	.0	.0	.0	.0	.0		.0		n	ŏ	.0	.0	•0	-0	.0
12	.0	٠٥.	.0	•0	.0	•0	.0		0	ŏ	.0	•0	•0	•0	•0
13-16	٥.	.0	٠,	.0	.5	.0			ō	. 3	:č	•0	•0	.0	•0
17-19	.0	.0	•0	.0	.0	.0	.0		ŏ	, 0	.0	.0	•5	.0	•0
20-22	.0	-0	•0	.0	.c	-0	.0		ñ	ò	.0	.0	•0	•0	.0
23-25	•0	٠.	.0	•0	.0	.0	,c		0	.5			.0	•0	.0
26-32	.¢	.0	•¢	•0	• ^	.0	.0		Č	. 0		.0	.0	٠.	•0
33-40	.0	.0	•0	•0	٠,٥	.5	.0		Ċ	.c	:6			.0	•0
41-48	.0	.0	.0	.0	.0	.0	.0		0	č	.0		č		•0
49-60	.:	•0	۰,	.0	.0	.0	.0		0	ŏ	ŏ	.0	.0	.0	•0
61-70	.0	•0	•0	•0	.0	• 0	.0		0	. 5	. 5	.0	.0	.0	•0
71-86	٠.	-0	•0	.0	.0	.0	.0		c	ñ	.0	.5	.5	:0	•0
874	٠.٥	.0	•0	•0	.0	.6	٥,		9	. c	ě	.0	٥	.0	• • •
TOT PCT	.c	1.0	•0	•0	•¢	•0	1.0		0	1,2	.0	.0	.0	:6	1.2
				E								\$E			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-	9 4	-10	11-21	22-33	34-47	48+	PCT
<12	0	1.0	• 0	-0	.0	•0	1.0	•	٥	1.9	.0	.0	.0	.0	1.9
1-2	1.0	5.1	7	.6	• 5	• 0	5,5		0 2	1.1	2.0		.0	:0	30.1
3-4 5-5	• 2	3.4	2.2	•0	.0	•0	5,6	•		7.5	13.1	٥٠	Š	:	20.6
7	•3	1.0	.7	•0	.0	• 0	1.7	i		. 2	2,2	.0			2.4
9.49	.0	•0	•0	•0	.0	•0	.0	•		.0	.0	.0	.0	.0	
10-11	:0	•0	•0	•0	•0	•0	•0	•	0	.0	.0	.0	.0	.0	.0
12	.0	••	•0	•0	•0	•0	.0	•	2	.0	.0	.0	.0	.0	.0
13-16	.3		•0	•0	.0	•0	.0			• 0	•0	.0	.0	.0	.0
17-19		.0	•0	•0	•0	•0	•0	•		.0	.0	.0	.0	٥٠	.0
20-22	.,	.0	•0	•0	.0	•0	.0	•		• 0	.0	.0	.0	ě	ŏ
23-25	. 0		•0	•0	•0	•0	•0			•0	.0	.0	.0	ō	•0
26-32	.0	.0	•0	•0	.0	٠٠	.0	•		•0	.5	.0	.0	.õ	.ŏ
33-40	š			•0	• 0	•0	•0	•		.0	• 0	.0	•0	.0	.0
41-48	• 5	.8	•0	•0	•¢	•0	•0	•		• 0	.0	.0	•0	.ŏ	.0
49-00	:3	.0	.0	• • •	• •	•0	• 0	•		•0	.0	.0	.0	.0	·õ
61-70	.ŏ	.0	.0	•0	•0	•0	•0	•		•0	.0	.0	.0		.0
71-86	.ŏ	.,	•0	•0	•0	•0	.0	•		•0	.0	.0	.0	:0	.0
874	ŏ		•0	٠0	.0	•0	•0	•		•0	.0	•0	.0	.0	.0
TOT PCT	1.0	10.4	3.6	•0	•?	•0	0	•		• 0	•0	•0	•0	.0	.0
	•••	1014	740	•0	•0	•0	15.0	•	7 30		24.3	.0	.0	.0	55.1

								5	EPTEMBER							
*ESIJD:	(075	R-ALL)	1943-1	97)				TAPLE	18 (CENT	)			AKEA		5 108	STRAIT OF
				pr	T FREJ	OF WIND	SPEED	(KT5)	AND DIREC	TION Y	VERSUS S	EA HEIG	HTS (FT)			
	1-3	4-10	11-21	\$ 22-13	34-47	45+	PCT		1-3	4-10	11-21	5 x 22=33	34-47	48+	≠CT	
HGT	.0	.0	11-51	.0	.0	• • •	,		• • • •	.0	.0	.0	.0	.0		
<1 1-2	.0	8.3	.0	.0	.c	.0	3,3		c	4.4	.0		.0	.0	4,4	
3-4	č	2.4	4.1	.0	.,		5.6			.2	.č		.0	č	2	
5-0	ij	7.7	1.0	.ŏ	•	:0	1.7		້າ	1.0	ě	.č	.5	.ŏ	1.0	
7	.0	.6	.0	.0	.0	.0	.0		0	. c	.0	.0	. 3	.0	.0	
	. 0	.0	.0	.0	. 0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
10-11		.c	.5	.0	.0	٠.	.0		.0	•C	.5	.0	.0	.0	.0	
12	. 5	.0	.0	.0	٠,	.0	.0		• >	• 0	٠,	.0	• 3	.0	.0	
13-16	.0	.0	.0	.0	٠.	.0	.0		<b>"</b> 0	•0		.0	•0	.0	• 0	
17-19		.0	.0	.0	.:	• 0	• 0		•5	٠,	.0	•0	٥٠	.0	.0	
20-22	.0	.0	•0	.0	.0	.0	• 0		.0	• 6		*0	• 6	.0	•0	
23-25	• 0	.0	• (*	.0	•^	• 0	•0			• 0		•0	• 0	.0	•0	
26-32	٠.		• 0	•0	•0	•0	•0		•0	.0		•0	•0	.0	.0	
33-40	• •	.0	•0	•0	.0	.0	.0		• 0	•0		•0	• C	•0	•0	
41-48	٠,٥	.0	• 0	• 2	• *	• 0	•0		• ^	.0		•0	.0	٠č	•0	
49-40	• 2	• 0	•0	•0	•0		•0		• 0			•0		.0 .0	•0	
61-70	• 3	.0	•^	•0	• • •	•0	•¢		•	.0		•0	• 0	.5	.0	
71-46	• • •	.0	•0	.0	• ?	٠,	•0		,	.0		•0	.0	:0	.0	
874	֍	0	• • • •		:^	٠. ٥.	16.7			5.6		.0	.0	.0	5.6	
TOT PCT	•0	11.7	5.1	•0	• * *	••	10.		• ′	,,,	• • •	••	••		,,,	
				<b>k</b>								٠.				TOTAL
ngT	1-3	4-10	11-21	27-33	34-47	484	PCT		1-3	4-10		22-33	34-47	48+	PCT	PCT
<1	.0	.0	•^	.0	• ^	.0	•0		.0	1.5		.0	.0	•0	1.0	
1-2	.:	.7	• ^	. 5	.5	.0	.7		•0	•0		.0	ψū	• 0	•0	
3-4	. :	.7	•(	.0	.0	.0	.7		• • • • • • • • • • • • • • • • • • • •	•0		•0	.0	.0	•0	
5-0	• •	.0	•0	•0	.0	٠.٥	.0		• • • • • • • • • • • • • • • • • • • •	• 5		• 3	• 5	•0	•0	
.7	• 2	٠.	•0	•0	•0	.0	• 0		.0	٥		•0	•0	.0	.0	
8-4	• 0	.0			.0	•0	0.0			.0		•0	.0	:0	.0	
10-11	.3	.0	١.	•0	.?	.0	.0			.;		.0	.5	.ŏ	ě	
12 13-16	:5	.0	.0		.,	.5			٠,			.0	ě	.5	ě	
17-19	• ;					.5	ž		n.	ŏ		:0	.0		ěš	
20-22	. 5	.5	.0			.;	.0		, ,	ě				.0	.0	
23-25	.5			.0	. •	.0	.c			.0			.0	.5	.0	
26-32			•	.,	•	.5			• • •					.5	.0	
33-40	• • • • • • • • • • • • • • • • • • • •	.5			:,		.5			٥٠		.0	. 0	ò	.0	
41-48	::		.0	.5	ž	.5	ě			į		.5	iè	.ŏ	.0	
49-60	. c				.0	٥٠			<u>,                                    </u>	ر ،		.5	5	, š	.0	
61-70	.5	.0	. 0	.0	. 5	.0	. c		•0	, 0		.0	•0	۰.	.0	
71-06	. 5	.0		.0	٥٠	.0	.0		.0	.0		.0	.0	.0	.0	
47+	.0	.0	.0		. 0	.0	.0		.0	.0		.0	•0	.0	.0	
TOT PCT	.0	1.5	•0	.0		.0	1.5		•0	1.0	• • • •	.0	•0	.0	1.0	97.1

	4146	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-39	34-47	45+	PCT	TOT Das
<1	4.1	3.7	.0	.0	•0	.0	5.5	U 9 3
1-2	1.0	41.7	9.7	.0	.0	.0	52.4	
3-4	.0	14.4	19.4	. 0	.0	.0	34.0	
5-6	.0	2.9	3.9	.0	.0	.0	6.8	
7	.0	· u			.0	.0	.0	
8-9	.0		.c		.0	.0	.0	
10-11		.5			.0		. ŏ	
17			.c		.0			
13-16		ě			.0	.0	.0	
17-19	ě	Ö	.č		.0		.ŏ	
20-27		.0	٠.				ě	
23-25	.c	ő						
76-32		• 0	٠.					
			٠٠				:č	
23-40	• 6	•0			.0			
41-46	٠,	•0	.0					
49-60	• 0	٥.	•¢		•0		٠,٥	
61-70	•0	•0	· c		•0		•0	
71-86	٠.0	• C	.0		• 0	•0	.0	
P7+	.0	• C	٠,	•0	.0	.0	•0	
TET PET	3.9	62.1	34.0	.0	.0	.0	100.0	163
TET PET	3.9	63.1	33.0	•0	•6	•0	100.0	

PRECENT FMEQUENCY OF MAME HEIGHT (FT) V5 MAME MERIOD (SECONDS)

PRECENT FMEQUENCY OF MAME HEIGHT (FT) V5 MAME MERIOD (SECONDS)

PRECENT FMEQUENCY OF MAME HEIGHT (FT) V5 MAME MERIOD (SECONDS)

PRECENT FMEQUENCY OF MAME HEIGHT (FT) V5 MAME MERIOD (SECONDS)

PRECENT FMEQUENCY OF MAME MERIOD (SECONDS)

NOT COMMAND OF MAME MERIOD (SECONDS)

PRECENT FMEQUENCY OF MAME MERIOD (SECONDS)

NOT COMMAND OF MAME MERIOD (SECONDS)

PRECENT FMEQUENCY OF MAME MERIOD (SECONDS)

PRECENT FMEQUENCY OF MAME MERIOD (SECONDS)

NOT COMMAND OF MAME MERIOD OF MAME MERIOD (SECONDS)

NOT COMMAND OF MAME MERIOD OF MAME MERIOD (SECONDS)

NOT COMMAND OF MAME MERIOD OF MAME ME

BETTBER

100153	(PRIMARY)	1917-1972	AREA OUG9	KARIMATA STRAIT
		1854-1972	TABLE 1	1.85 108.0F

PERCENT FREQUENCY OF AFATHER OCCURRENCE BY WIND DIRECTION

					_ •						-				
				RECIPI	TATIO	N TYPE					OTHER	HEATHER	PHEND	MFNA	
NO DIR	RAIN	RAIN	ORZL	FRZG FCPN	5NO#	OTHER FRIN PCPN	HAIL	PCPN AT	PCPN PAST HOUR	THOR LTNG	FOG 40 PCPN	PUG NO PCPN PAST HR	SMOKE HAZE	SPRAY RLHG DUST RLHG SNOW	NO SIG WEA
N	.0	9.3	18.6	.0	.0	.0	.0	27.9	• •	.0		.0	.0		72.1
NE	13.8	.0	6.9	.0	.0	.0	.0	20.7	20.7	6.9	٠.٥	.0	.0	• 2	51.7
£	1.8	1.6	1.3	.0		.0		4.9	5.3	9.8	1.8	٠,	1.3	•0	76.9
Š€	10.0	2.4	3.2	.0	5.		.0	15.6	.0	6.9	3.5		3.7		72.0
ξ.	5.3	1.5	1.0		.0		.0	8.8	.0	6,2	.0	.0	1.8		83.2
ŠÞ	11.5	2.9	1.0		.0		.c	15.4	7.7	7.7	.0	. 0	1.9		71.2
¥"	12.5	4.7	6.9					26.2	.0	5.6	.0	.0	.0		65.3
Ñ.	23.9	7.6	4.3	.5				78.3	.ŏ	8.7	.5	ŏ	ě		43.0
AAV		.5						3.0	žč	. 0		, č	.0		.0
							••					٥٠	.0		59.1
CAL	4.5	.0	4.5	٠.	•0	.0	.c	9.1	•0	31.6	.0		•0	•.,	,,,,
TGT PCT TGT CBS:	8.1 272	2.6	3.7	.0	.0	.:	•:	14.2	2.7	9.2	1.5	• •	1.5	•0	71.3

TABLE ?

DERCENT	FREDLENCY	ΠF	LEATHER	DECURRENCE	RV	Mfit:

				RFCIPI	TATIO	N TYPE					OTHER	MESTHER	PHEND	MENA	
HCUR (GMT)	RAIN	PAIN Shur	DRIL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG CW PCPN	FOG HO PCPN PAST HR	SMOKE	SPRAY BLHG DUST BLHG SNOH	
00103 06609 12615 16621	10.7 4.9 7.8 8.2	4.0 4.9 1.6 1.4	3.3 3.7 1.0 2.7	.0	.0	.000	•0	20.0 13.6 10.9 12.3	8.9 2.5 .0 1.4	1.3 7.3 27.4	2.7 1.2 1.6	.00	1.3	•0	66.7 81.5 79.7 58.9
TOT PCT	7.8 293	3.1	3.4	.0	•0	.0	.c	14.3	3,1	5.9	1.4	.0	1.4	•0	71.7

TARLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		#IN	D 59E	EC !KY(	TS:								HOUR	(GMT)			
PN0 014	0-3			22-33		48+	TOTAL Des	PCT FREQ	4E24	00	03	06	9	12	15	16	21
N NE	1.1	1.4	:1	.0	•0	٥.		2.6 5.8	5.3	4.1 7.2	•0	3.8	1.0	1.7	•0	3.2	6.5
E	2.1	12.7	2.7	• 1	.0	•0		16.9	7.2	19.9	35.0	16.5	11.8	17.0	16.7	16.9	15.8
S E S	2.3	20.7	7.4	.0	.0	••		31.5	5.2 6.8	31.4 12.7	30.0	27.5 14.6	16.5	33.3 13.9	27.8	13.4	16.4
\$1	1.7	5.4	1.6	ņ	•0	•0		4.9	7.3	4.3	15.0	8.3	10.5	12.6	11.1	3.9 3.7	7•2 5•9
W Na	1.4	2.6			.0	•0		3.2	6.1	2.9	5.0	2.6	2.4	2.4	.0	5.1	4.6
VAR C4LM	11.2	•0	.0	.0	•0	• 3		11.2	.0	10.9	•0	.C	11.8	.0 8.7	.0	.0 15.7	10.5
TOT CBS	183	445	114	1	٥	ō	743	_	6.5	125	10	212	85	115	•	108	75
TOT PCT	24.6	59.9	15.7	- 1	-0	-0		100.0		100.0	100.5	100.0	100.0	100.0	100.0	100.0	100+0

TABL	F	3.4	

HYD DIR	C=6	WIND 7-16	SPEED 17-27	(KNGTS) 28-40	41+	TOTAL JOS	PCT FREQ	MEAN SPO	00 03	HDUI 06 09	(GMT)	18 21
N.	1.7	.9	٥٠	•0	.0		2.6	5.3	3.8	2:.7	1.6	2.2
ME	3.4	2.4	•	•0	.0		5.8	6.4	0.7	6.1	4.8	5.2
Ę	8.0	8.7	• 2	•0	•0		16.9	7.2	21.0	15.2	16.9	16.4
5€	11.7	19.0	•2	•0	٠.		31.5	8.2	30.3	29.9	34.1	33.2
5	1.7	6.5	.1	.0	.0		15.3	6.4	13.9	16.0	14.9	14.7
Św	4.2	4.3	. 3	.0	.0		0.7	7.3	6.0	10.0	12.5	5.3
ű"	3.0	1.6		.0	.0		4.9	0.8	5.1	5.0	4.8	4.6
Ÿu	1.9	1.2					3.2	6.1	3.1	2.5	2.2	4.9
					• • • • • • • • • • • • • • • • • • • •			٠.5				
VAR	.0	•0	•0	•0	•		0		0			0
CALM	11.2						11.2	•0	10.1	11.4	8.1	13.6
TOT DRS	+00	331	12	0	Ú	743		6.5	136	297	124	184
TOT PET	53.6	44.5	1.6	•0	.0		100.0		100.0	100.0	100.0	100.0

OCTORES

PEKIJO: (PRIMARY) 1912-1972 (CVER-ALL) 1854-1972

TABLE 4

AREA 0009 KARIMATA STRAIT 1.85 108.0E

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (CHT)

				h110	SPEED (	KNOTS)			PCT	TOTAL
HQUR	CALM	1-3	4-10		22-33		48+	MEAN	FRFG	JBS
00603	10.1	15.7	60.9	13.#	٠.	٥.	.0	6.3	100.0	138
90330	11.4	13.1	39.3	16.2	.0	.0	.0	6.5	100.0	297
12615	8.1	13.7	55.6	22.0	.0	.0	.0	7.3	100.0	124
18621	13.6	12.5	63.C	10.3	.5	.0	.0	6.1	100.0	184
TOT	#3	100	445	114	1	်ခ	٥	6.5	• • • • •	743
ec.		13.5	50.0	15.3	. 1	. 0	.0		166.6	

TABLE 5

TABLE 0

12-60																		
P	CT F9E			LUUD A		(FIGHTHS)		1					CEILIN					
HND DIR	0-2	3-4	5-7	8 & 08500	TOTAL CBS	CUVER CUVER	000 149	157 290	300 599	999	1000	2000 3499	3500 4999	5000 4499	6500 7999	8000+	NH <5/8 ANY HGT	
N	.0	1.1	1.5	3.3		4.9	.0	••	.5	3.7	1.9	. 6	.0	•0	.0	.0	2.2	
NE	.0	.7	2.3	3.6		5.8	.0	• ^	. 6	1.1	.7	. 6	.1	•0	• 0	.0	3.6	
ě.	1.9	3.9	6.7	7.7		6.1	.0	.0	.0	1.0	4.0	. 4	1.0	•0	.0	.0	15.9	
Šŧ	1.5	7.2	8.8	10.9		6.0	•0		. 6	4.1	4.4	2.3		.6	•0	.0	16.4	
	1.0	1.6	4.3	2.5		5.8	•0	• 0	.0	1.0		2.0	.0	•0	•0	.0	6.9	
5 ×		.6	5.8	3.2		6.9	• 5		.0	1.2		. 5	1.1	•6	•0		6.1	
_	-			2.5		6.4		• • •	.0	1.5	.6	.0	.0	•0	.0	, n	1.9	
<b>#</b> .	•6					6.8	.0	é		í.é		2.2	٥		•0		i.i	
NA	•0	• •	1.2	2+2		0.0			• 2		•1							
VAR	• 0	• (	•0	•0		• 7	•0	•0	• •	• 0	• 5	•^		•0	•0	•0	•0	
CALM	2.2	1.7	3.3	3.7		ē,4	•0	• • •	•6	.e	1.7	• • • • • • • • • • • • • • • • • • • •	.6	• C	1.1	.0	6.6	
TOT PBS	13	30	67	71	181	6+2	٥	•	2	23	26	12	5	1	2	6	110	181
TOT PCT	7.2	16.6	37.0	39.2	100.C		•0	•0	1.1	12.7	14.4	6.6	2.8	•6	1.1	3.	60.8	100.0

TARLE 7

CUMULATIVE	PCT FREG	0F	SIMULT	ANEJUS	DCCURRENCE
OF CEILIN	G HEIGHT	CHH	34/81	AND VS	SBY (NM)

				VSBY (NH	13				
CEILING	<ul><li>1R</li></ul>	- CR	- GR	• PR	• CA	• (6	a ilk	<ul><li>38</li></ul>	
(FEET)	>10	>5	>2	>1	>1/5	>1/4	>50YD	>0	
■ TR >6500	1.0	1.0	1.0	1.5	1.5	1.0	1.0	1.0	
<ul> <li>□R &gt;5000</li> </ul>	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
• FR >3510	3.6	4.2	4.2	4.2	4.2	4.2	4.2	4.2	
• DR >2000	7.8	9.4	9.4	9.4	9.4	9.9	9.9	9.9	
• ER >1000	18.2	21.9	23.4	23.4	23.4	24.0	24.0	24.0	
■ DR >600	24.5	31.6	35.4	35.4	35.4	35.9	35.9	35.9	
• DR >300	24.5	32.6	36.5	36.5	26.5	37.0	37.0	37.0	
<ul> <li>CR &gt;150</li> </ul>	24.5	32.8	36.5	36.5	36.5	37.0	37.0	37.0	
■ 0R > 0	24.5	34.8	36.5	36.5	36.5	37.C	37.0	37.0	
TOTAL	4.7	43	70	70	70	71	71	71	

TOTAL NUMBER OF DESI 192

PCT FREG NH <5/91 63.0

TABLE 74

PERCENTAGE FREQ OF LO. CLOUDS (EIGHTHS)

							oC.	10°E*						
PERIOD: (PRIARY) (CVER-ALL	1917-1972						TAI	SLE &				ARE	A 0609	KARIMATA STRAIT 1.85 108.0E
		•	FRCE 1T	PREC	CF WING	DIRECTOR WI	CTION T	15 SECT	JRRENC LLJES !	FOR N DF VIS	CN-DEC	URRENC Y	E OF	
V51			NE	£	SE	s	SW	W	NW	VAR	CALM	PCT	TOTAL	
41	PCP	.0	.0	•0	.0 .4 .4	•0	.n .0	0 0	.0	•0	•0	.0		
1/	PCP 2<1 NO PCP TOT S		.0 .7 .9	.0	.0 .0	•0	•0 •7 •2	.0	.3	•0	.0 .0	.C .7 .7		
1<	PCP 2 NO PCP TOT %	·	• • • • • • • • • • • • • • • • • • • •	.0	.7	•0 •2 •2	.4	.00	.0	•0	•0	1.1		
2<	PCP 5 NO PLP TOT %	.4	.0 .0	1.7 1.7	.7 .9 1.7	.0	•0	.4	.0	.0	.0	1.5 2.6 4.1		
5<	PCP 10 NO PCP TOT %	:4 :0 :4	.7 1.1 1.8	.7 1.4	4.1 7.5	2.6 3.1	3.0 3.2	3.0	.7	.0	•0 •7 •7	7,4 15.1 22.5		
17	PCP + NO PCP TOT \$	2.4	3.1 3.5	17.0 17.3	.7 20.3 21.0	0.5 0.9	.A	1.8	2.7 3.1	•0	.7 6.6 7.4	5.2 65.7 70.8		

						OF HI					ED		
V55Y	SPD KTS	N	٧E	E	SE	5	5 k	٠	NH	VAR	CALM	PCT	TOTAL UBS
	0-3	٠.	. 5	. 0	.0	.0	.0	.0	.0	.0	. 3	.0	
<1/2	4-10	.0	. 3		. 2	.0	. 6	.0	. ?	.0		. 2	
	11-21	• 0	• 9	.0		.0	.0	.0	.0	.0		.0	
	22+	•0	• 0	.0	•0	.0	.0	٠.	٠.	.0		۰.	
	TOT A	.c	.0	•0	•2	•0	.0	•0	.0	.0	•0	.2	
	0-3	.0	.0	.7	•0	.0	.0	.0	.0	.0	.0	.7	
1/2<1	4-10	٠٥	.0	• 0	• 0	. 1	.1	.0	. າ	.0		.2	
	11-21	.0	.0	• 0	.0	. 0	٠.٥	٠.٠	.0	. 0		• 0	
	22+	.0	. ၁	• 0	.0	.0	• 2	•0	٠.	.0		.0	
	TOT %	•0	.0	.7	•0	.1	.1	•0	.0	٥.	•0	1.0	
	U-3	.0	.0	•0	•0	.0	.0	.0	.0	ěů.	.0	.0	
1<5	4-10	•0	٠٥	•0	.5	.1	- 1	.0	.0	.0		.7	
	11-21	٠.	.0	.0	.0	.0	. 2	•0	.0	.0		.2	
	22+	.0	. 0	• 0	.0	.0	.0	.0	٠.	• 9		.0	
	TOT &	••	.0	. ၁	.5	•1	.4	۰.	.0	.6	•6	1.0	
	0-3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
2<5	4-10	.0	-0	.7	1.2	. 2	.0	. 5	.0	.0		2.6	
	11-21	.0	.0	.4	. 6	.0	۰٥	•0	.0	٥.		1.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		٠.٥	
	TOT \$	•5	.0	1.1	1.8	.2	.0	.5	.0	•0	.0	3.8	
	0-3	.0	.2	.0	.7	.0	.2	. 7	٠,	٥.	.5	2.4	
5<10	4-10	.4	1.0	1.7	3.9	2.9	1.7	1.5	. 1	.0		13.2	
	1:-21	٠.٥	. 5	• 2	1.9	• •	. 4	•1	.4	.0		3.8	
	22+	٠,٥	0	.0	.0	.0	.0	.0	.0	•0	_	0	
	TOT \$	.4	1.7	2.3	4.0	3,2	2.3	2.3	.5	.0	.5	19.5	
	0-3	. 8	.4	2.0	2.0	.7	. 5	٠,	. 9	.0	10.1	17.8	
10+	4-10	1.7	2.6	13.0	13.3	7.9	4.1	• •	1.9	٠,		45.0	
	11-21	.2	• 1	1.9	9.0	1.4	.7	• 6	.1	٠.		11.8	
	22+	.0	.0	0		.0	0	0	.0	.0		• • •	
	TOT %	2.8	3.1	16.9	22.1	9.9	5.3	1.7	2.4	٠.	10.1	74.5	
	TOT DAS	3.4	4.6	20.7	31.2	13.6	8.2	4.0	2.9	.0	10.6	100.0	416

GETEBER

PERIOD: (PRIMERY) 1917-1972 (C/EP-ALL) 1854-1972

TARLE 10

AREA COOP KARIMATA STRAIT

PERCENT	FREQUENCY OF	C#ILING	HEIGHTS	(FEETANH	>4/81	AND
-	00000	NE SE N	- /~/A AL	- FILE		

HOUR (SMT)	149	150 279	300 579	600 979	1000	2000 3439	9500 4999	5000 6499	6500 7 <b>97</b> 9	8000+	TOTAL	NH CS/8 Any hút	
00607	-		1.8	:4.3	:6.:	14.3	3.6	٠.	1.8	•0	51.6	48.2	56
96380	.0	٠.	•0	12.1	15.5	1.7	1.7	.0	٠^	٠.	31.0	69.0	58
.2615	.5	.0	2.3	4.7	7.0	4.3	2.5	.5	.c	.5	18.6	51.4	43
19621	.0		-3	11.8	11.8	3.9	2.0	2.0	2.0	•0	33.3	66.7	51
TOT	3	G	1.0	23	27	14	2. n	1	2		72	135	208

T48.E 11

743LE 12

		PERCFIT	FRED. EN	CY VSA	Y (ዓዞ) :	34 HEUR		CUMULAT					VSBY (NY) RUCH YBEE	
-D_R (SYT)	<1/2	1/2<.	: < 5	245	3<10	1:+	TOTAL CRS		<157 <20V2		<1000 <5		NH <5/8	TOTAL DBS
-2623	1.0	1.0	••	3.0	13.5	30.8	104	U#603	٥.	3.5	13.9	34.0	47.2	53
F6609	• 2	1.4	1.4	2.2	19.0	75.4	138	00609	• -	.0	15.4	19.2	65.4	52
12615	.5	2	.:	5.0	25.2	50.7	84	12615	.0	2.6	10.3	12.6	76.9	39
18621	.0	• •	1.9	4.5	22.3	71.4	112	18621	.0	.0	16.8	18.8	62.5	48
TLT PCT	;	.9	. 9	17 3.9	86 20.1	324 74.0	438 100.0	TOT PCT	ງ • ບ	3 1.0	31 15.1	42 21.9	119	197

T49LF 13

TABLE 14

	PERC	ENT FR	ED JENC!	4 SF 9	E.4-14	E HUMI:	D:TY 5	Y TEMP	TOTAL	PST		PERC	ENT PE	1E 2UE 7C	T DF A	140 01	RECTIO	N 84 T	EMP	
tenb t	3-29	30-39	40-49	53-59	40-69	70-79	10-89	90-100		FREQ	N	NE	E	Sz	S	\$#		NH	VAR	CALM
85/89 80/84 75/79 *******	• • • • • • • • • • • • • • • • • • • •	• • • • •	•0 •0	•0	2.9	3.7 27.0	49.5 49.2	1.4 5.1 5.6 26	175	6.5 #1.4 12.1	3.3	3.6	2.2 17.6	2.4 23.7 2.7	9.2	7.0	6.7	.0 2.4 1.9	.0	7.9
PC*		, i						26 12.1		100.0				29.1				4.3		

TARLE 15

	"E& 15,	EXTREM	ES AND	PFRCE	TIL "S	UF TE	BC) 4	G F) B	Y HOUR		PERC	ENT FRE	D JENCA	OF RELA	TIVE H	MIDITY	BY HOUR	t
HBUR (GMT)	¥4×	998	95%	50%	54	14	41%	SEA.	TOTAL USS	HGUR (GMT)	0-29	30-59	60-69	70-79	60-89	90-100	HEAN	TOTAL
2060#	46 95	85	84 89	82 83	77 74	75 77	74 75	81.3 83.2	142	60300 60360	•0	.0	1.8	20.8 43.1	55.4 36.9	16.1	83 79	56 65
12619 14621 TOT	86 84 95	85 83 93	84 83 85	65 65	79 72 78	74 75 74	77 74 74	#1.9 #1.2	129 186 748	12515 19621 707	• • • • • • • • • • • • • • • • • • • •	.0	1.9	28.8 27.0 75	55.8 63.5 124	13.5 7.9 28	82 81	52 63 236

OCTORER

PERIOD: (PRIMARY) 1912-1972 (L 50-1L) 1654-1972

TABLE 17

AREA COOS KARIPATA STRAIT 1.85 108.0E

PCT FRED OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOR (WITHOUT PRECIPITATION) VS AIP-SFA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73 76	77 80	81	6 q	69 92	TOT	růs	#J #J
5	.c	.0	.0 8	.2	. 4	1 3	• >	. • •
4	, č	.0	. 8		. 4	3	•0	1.3
1	.0	• 0	. 4	, .	.0	4	• 0	1.7
•		.4	3.8	1.4	.0	19	• ")	8.4
3 2 1	.0	.4	1.1		.0	22		6.7
•		.,	17.4	1,7	•••	47	. 4	19.5
-1	.0			10.	.ύ	47		19.1
-1	.0	1.3	17.8					14.0
-2	.0	2.1	11.9	•0	.0	33	•0	
-3	.0	3,4	4.2	• 0	• 0	15	•0	7.0
	.4	0.4	2.5	. 0	.0	22	• 2	9.3
-2 -3 -4 -5	- 14	2.1	1.3	. 0	• 0	9	• ?	3.9
-3		2.1		. 5	. 7		• 2	2.5
-0			• • •	š		5	. 5	2.1
-1/-0	. 4	1.7	.,	• 0	• 2	,	• •	232
T )TAL	4		161		2		•	476
· -		20.8		20		236		
		20 6	48 2		. 14	100.0	1.47	98.3

PERIOD: (DVER-ALL) 1963-1977

									• -						
				PC	T FREC D	F WIND	SPEED U	KTS) AND	DISEC	TIHE VE	# CUS 5	A HEIGH	ITS (FT)		
												NE			
				22-33	34-47	48.	PET		1-3	4-10	11-21	22-33	34-47	48+	PCT
HGT	1-3	4-10	11-21		-	.0			1.1	. 4	.0	.0	•0	• 0	2.0
<b>41</b>	• 3	1.0	•0	•0	:;	.5	2.6			2.0	, 2	.0	•0	• 0	2.2
1-2	•3	0	.0		• •	.0	. 0		.0	1.8	٠,٥	•0	•0	•0	1.8
3-4	.0	.0	• 5	ີ້ວ	:0		.5		•^	• •	٠,	•0	• 0	• •	•
5-5 7	ě	.0	ń		ň	•0	.0		• 0	•0	• 3	•0	•0	•0	•0
8-9	::	.ŏ	•0	.0	• >	. 5	. 0		• 2	•0	•0	٠.	•0	•0	.0
10-11	.,,	.6	, c	.č	. 6	. c				2•	•0	• 0	٠Č	.0	•0
12	دُ .	.0	·c	.0		.0	.0		_0	٠.٥	•0	•0	•0	٠٥	.0
13-16		.0	.0	.0	.0	.0	• >		ຳ	•0	•0	•6	.0	٠٥	.0
17-19	ò	.0	•0	.0	•^	٠.	• 0		• 0	•3	•0	.0	.0	.0	č
20-22	.0	.0		.0	••	٠.	٠Ç		• :	.0	•¢	.c	.5	iŏ	0
23-25	. 3	.0	•^	.0	• 2	. ၁	•0		• •	.0	• 3		.0		.0
26-32	.0	.0	.0	٠٥.	.0	•0	•0		•0	.0	.0	::			.5
33-40	٠,٤	.0	۸۰	.0	• 1	٠,	••		0	č	.0	.0	.5	.0	.0
41-48	. :	.0	•0	.0	.3	٥.	٠.		Ö	.5	ŏ	.5	č	.0	.0
49-60	.0	.0	•0	.0	•0	.0	•0			č	.0		, C	.0	٠,
61-70	.0	.c	•0	•0	• 2	٠.	٠.		,	š	.5		.0	. 0	•0
71-36	.0	.0	•0	•0	• ?	-0	•0		ě	.0	.0		.0	.5	.0
87+	•0	.0	•0	.0	•:	.:	2.5		1.1	4.6	1.1	.0	.0	.0	6.8
TOT PCT	•0	1.8	. 9	•0	•0	.0	2.5				• • • • • • • • • • • • • • • • • • • •				
				E								SE			
HST	1-3	4-10	11-21	<b>ُدِي-33</b>	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT .9
<1	1.5	.0	• 2	.0	.5	. 0	1.5		• 5	. • •		٥.	•5	•0	9.6
1-2		15.1	3.7	.0	• 0	.0	18.9		.0	7.5	2.2	.0	• 0	• 5	12.9
3-4	.5	1.5	2.6	.0	.0	٠.	4.2		•0	5,5	7.5	٠0	.0	.3	
5-0	.5		.0	.0	• 0	.0	.0		•	• 6	.0	.0		.ŏ	.0
7	. 5	.c	.0	.0	•0	•0	•0		•ņ	•0	•0	•0	.0	.0	,0
8-7	. 5	.0	.0	.0	٠.	.0	•c		• ?	.0	.n		.0	.0	.0
10-11	•C	.0	•0	.0	• 0	•0	•0		.0	.0	.0	:0	ŏ	.0	.0
12	• 0	.0	•0	.0	.0	•0	•0		0	.0	.0	.0	•0	.0	.0
13-16	.0	.0	•0	.0	•0	.0	٠,			. 5		ŏ	.0	.0	.0
17-19	•0	.0	•0	•0	.0	.0	•0		ŏ	.0	.0		.0	.0	•0
20-22	.0	•0	•0	.0	••	•0	٥٠		.0	. 5	.0	.0	.0	.0	•0
23-25	• 0	.0	•0	•0	.0	•0	:0		ň	ŏ	.0	.0	•0	.0	•0
26-32	.0	.0		.0	.0	.0	.0			ŏ	.5	.0	.0	.0	.0
33-40	.0	.0	•0	.0	.0		ŏ		ŏ	.0	ō		•0	.0	•0
41-48	.0	.0		.0					Ö	.0	.0	.0	•0	.0	•0
49-60	.0	.0		•0			.0		. 5	.0	.0	.0	•0	.0	•0
61-70	•0	.0		.0		.ŏ	.0			.0	.0	.0	•0	.0	•0
71-86	•0	.0		.0		.ŏ	.0		.0	.0	.0	.0	•0	٠.	.0
\$74	1.5	16.7		.0			24.6		.0	13,4	9.6	.0	•0	.0	23.5
TOT PCT	1.5	100/		• (	• **	••			•	-					

									DCTUBER				40.4	2020	V . O . W . T	A STPAIT
PEP130:	(DAF)	-1(()	1903-1	1972				TABLE	18 (00%)				ANEA		45 108	
				PC	T FREQ (	F HIND	SPEED	(KTS)	AND DIREC	110N 1	ERSUS S	EA HEIG	HTS (FT	1		
HGT	1-3	4=10	11-21	5 22-13	34-47	46+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.c	1.8	.0	.0	.0	7.0	1.8		.,	9	.0	.0	.0	.0	1.6	
1-2		6.1	.0	.5	ě	.0	6.1		'n	3.9		iš		.č	4.2	
3-6	.3		2.0	.5	.0	.c	2.0		'n	1.0	,2	.0	• 0	.0	2.0	
5-0	.0	.0	1.0	.0	'n	.0	1.6		.0	.0	. 0	. 0	.0	.0	. 9	
• •	. 0	.0	•0	.0	.0	.0	.0		• ^	. 0	.0	.0	.0	.0	.0	
8-9	. 5	.0	.0	.0	.0	.0	.0		, n	• 3	.0	.0	.0	.0	•0	
10-11	.0	.0	.0	.0	• 0	.0	.0		•0	• 0	.0	.0	•0	•0	•0	
12	.3	.0	.0	. 9	•0	.0	.0		• ^	•0	0	.0	•0	.0	•0	
13-10	.0	.0	• 0	.0	••)	. 0	•0		•0	• 0	.0	.0	• 0	•0	• 0	
17-19	. 3	.0	.0	• 0	.3	•0	•0		• 2	٠,	.0	. າ	• 0	.0	•0	
20-22	. 3	.0	• 0	•0	• • •	•0	•c		• 0	•0	•с	.0	•0	.0	.¢	
23-25	.0	.0	•0	•0	۰,	•0	•0		• ?	•0	•0	.0	•0	.0	•0	
26-32	• 5	.0	•0	.0	• 0	.0	•0		•9	• 0	•0	.0	• 5	.0	•0	
33-40	•0	.0	•0	•0	• 0	• 0	.0		•2	.0	•0	.0	•0	•0	•0	
41-48	•0	.0	•0	•0	.0	•0	.0		֍.	.0	•0	.0	•0	.0	•0	
49-60	. 3	.0	•0	•0	• 0	•0	•0		•0		.0	٠.٥	• 5	.0	•0	
61-70	. 5	٠.	•0	• 0	• ?	-0	.0		• • • • • • • • • • • • • • • • • • • •	• 0	• 5	.0	• 5	.0	•0	
71-06	•0	.0	•0	•0	•?	.0	•6		• 2	.0	.0	٠.	•0	•0	•0	
87+	٠,٢	0		• 2	•0	•0	7.		•2	?	.•9	•0	•9	٠,٥	. ¢	
TOT PCT	•:	7.9	3.7	•0	•0	.0	11.0		.9	6.0	1.3	.0	•0	.5	8.6	
				w								¥a.				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+		PCT
<1	.0	.0	• 0	-0	•^	•0	•c		, 9	.9	•0	.0	•0	•C	1.6	
1-2	.9	3.1	1.3	•0	• 7	• •	5.3		•7	. 9	.2	• 2	•0	•0		
3-4	. 0	.0	•0	•0		•0	•0		•¢	•0	•0	•0	•0	.0		
5=6	•0	.0	•17		• 6	٠Û	•0		٠ <u>٠</u>	•0	•0	•0	•0	.0		
7	• 3	.0	•0		• 5	• 0	• 0		• 2	•0	•0	•0	۰٥	•0		
8-9	•0	.0	•0		•0	•0	•0		• ?	•0	•0	.0	•0	.0		
10-11	•0	.0	•0	•0	• 6	٠,	٠,		2•	• 0	•c	•0	•0	.0		
12	.0	.0	•0		•0	•0	•0		•0	•0	•0	.0	•0	•0		
13-16	٠.	.0	•0		•^	•6	,,		•0	•0	.0	.0	•0	••		
17-19	.c	• • •	•0		::	•0	•0		0.0	.0	0.0	•0	•0	٥. ٥.		
20-22	.3	٥.	•0			٥ <b>.</b>	.0		.0		.0	.0	.0	.0		
23-25 26-32	.;	.0	•0		:5	.5			.5	.5	.0	.0	.0	.0		
33-40	.:	.0	•0		.5	.0	.0		٠×	.0	.0	.0	.0	.0		
41-48	.5	:6	•0		. 6	::	č			'n				٥		
49-00	ij		•0		.5	.0			• 5		.0	.0		.0		
61-70	, c	٥:	•0		.0	.0	č		'n	.0	ě	.0	•0	.0		
71-86		:0	•^		.0	.0	.0			ě	.0	:5	•5	.5		
#7+	. 3	.0	.0				.0			.0	.0		• 6			
TOT PCT	. 9	3.1	1.3				5.3			1.8	ž		.0	.0		86.0
101 -01	• •	•••	. • •	••	••	••	-,,,		•	•••	•••		•••	•••		

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١,

	4140	SPEED	(KTS)	VS REA	HEIGHT	(FT)		
HST	0-3	4-13	11-21	22-33	34-47	42+	PCT	TOT DBS
<1	19.8	5.2	.c	.0	.0	.0	25.0	000
1-2	. 9	39.7	8.6	.0	.0	.0	49.1	
3-4	.0	10.3	12.1	.0	. 0	.0	22.4	
5-6	٠.٥	.0	3.4		.0	.0	3.4	
7	.5	. 5	0		.0	.0	.0	
8-9	.č	.0		·c	.0	.0	.0	
10-11	.0	.0	•0		.0	.0	.0	
12	.0	.0	.0		.0	.0	.0	
13-16		ó	.0	i.e	.0	. 0	.0	
17-19	.5	.0			.0	.0		
20-22	.0	.0		.0	.0	.0	.0	
23-25		.5	٠.:			.0		
26-32	.0		.c	.0	.0	.0	.0	
23-40	.0	.0	.0		.5	.0	.0	
41-48	.0	.0		6	.0	.0		
49-60		.0			.0	.0		
61-70					.5	ň	.0	
71-86	.0	.0	.0		.0		ě	
874	.0	.0			.5		.č	
• / •	.0	•0	• 0	•0	••	•0	••	116
TOT POT	20.7	55.2	24.1	•0	.0	.0	100.0	110

PERIOD: (DVER-ALL) 1949-1972 TABLE 19 10-11 PERIUD (SEC) <6 6-7 8-9 10-11 12-13 >13 1NDET TOTAL PCT 20-22 TUTAL 110 15 4 0 0 0 34 163 100.0 -70 71-86 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 \$.0 .0 .0 .0 .0 .0 .0 14.1 36 22.1 1-2 34.4 1.2 .0 .0 .0 .0 3.7 64 39.3 5-6 1.2 1.8 1.2 .0 .0 .0 .000000000 3-4 23.9 4.3 1.2 .0 .0 .0 3.1 53 32.5 7 .0 1.8 .0 .0 .0 .0 .0 .0 .0 .0 .1.8 4. 0000000000 0000000000 00000000000 ...... .......... 0000000000

PERIOD: (PRIMARY) 1912-1971 (OVER-ALL) 1855-1971

TABLE 1

AREA 0009 KARIHATA STRAIT 1.85 107.9E

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

			•	RFCIPI	ULTAT	N TYPE					STHER	WEATHER	PHEND	HENA	
WNO DIR	PAIN	RAIN SHWR	CRTL	FR7G PCPN	" MCW	GTHER FRZN PCPN	HAIL	PCPN AT OB TIMP	PCPN PAST Hour	THOR LING	FOG NO PCPN	FCG WC PCPN PAST HR	SHOKE STAP	SPRAY BLHG DUST BLHG SNOH	
N NE E S F S N N N N N N N N N N N N N N N N N	5.6 .0 3.9 3.0 3.9 6.3 2.3	.0 .0 5.2 3.0 1.3 4.2 1.1	4.00.00.00.00	000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	2.60	9.7 .0 9.1 6.1 7.7 10.6 4.0	4.2 .0 12.5 .0 .6 7.4 5.7	8.3 12.5 .0 3.2 5.3 8.4 7.9 1.1		.00000000000000000000000000000000000000	.00000000000000000000000000000000000000		77.8 87.5 87.5 87.7 88.0 85.8 74.1 89.1
TOT 907	3.5 259	2.3	.4	.0	.0		.4	5.0	3.1	6.2	•0	.0	.0	•0	84.6

TARLE &

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE			STHER HEATHER PHENOMENA								
H3UR (G/T)	2014	RAIN SHWR	327L	FRZG PCPN	รายส	STHER FRZN PCPN	JIAP	PCPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	POG HO PCPN	FOG 40 PCPN PAST HR	SMOKE	SPRAY ALWG DUST ALWG SNOW	NO SIG WEA		
00603 06609 12615 18621	5.2 2.7 3.4 1.5	2.0 6.8 .0 1.5	1.3 .0 .0	.0	.0	.0	.0 1.4 .0	9.1 11.0 3.4 3.0	2.6 4.1 1.7 3.0	2.0 1.4 5.1 16.7	• • • • • • • • • • • • • • • • • • • •	.0	0.0	•0 •0 •0	65.7 84.9 89.8 77.3		
TOT PCT	3.3	2.9	.4	.0	•0	•0	.4	6.9	2.9	6.2	•0	•0	•0	•0	84.4		

TARLE 3

### PERCENTAGE FREQUENCY OF WINE PURECTION BY SPEED AND BY HOUR

ard cir	0-3			22-33		48+	TOTAL ORS	PCT FREQ	"E44 SPD	90	03	06	HOUR 69	(GHT) 12	15	18	21
N = 5 = 5 = 6 = 6 = 6 = 6 = 6 = 6 = 6 = 6	1.7 2.1 1.2 3.3 3.5 2.4 2.3 1.4	5.0 3.8 3.2 7.6 8.3 11.3 9.8 11.5	1.9	.00.1	.0.0.0	000000000000000000000000000000000000000		7.5 6.0 4.9 12.2 12.7 14.9 15.3	6.2 4.8 6.3 5.9 5.7 6.5 7.5	8.3 6.7 7.1 11.9 12.6 15.8 12.2 13.3	4.2 4.2 25.0 33.3 29.2	13.7 14.8 16.0 13.5	5.3 5.3 13.7 12.6 13.7 14.7	6.3 3.9 4.7 15.4 11.0 16.7 17.7	.0 14.3 35.7 35.7 .0	6.2 8.7 1.4 10.1 11.7 11.7 17.7	10.1 9.5 15.2 15.8 12.6
CALM TOT DBS TOT PCT	12.3 231 30.3	462	9.7	.4	, .0	.0	762	12.3	5,6	12.1 141 100.0	100.0	164	10.5 95 100.0	10.2 127 100.0	.0 7	15.6 109 100.0	18.4 87 100.0

TABLE	34

WND DIR	0-5	#IND 7-16	SPEED 17-27	(KNC75) 28-40	41+	TOTAL OBS	PrT FREQ	4EAN SPD	00 03	H0U1 06 09	16HT1	10 21
N	5.0	2.4	•1	.0	.0		7.5	6.2	8.0	7.4	6.0	8.3
n E	4.9	1.2	•0	. 5	.0		٥.٥	4.8	6,5	6.3	3.7	6.9
•	3.2	1.5	• 2	.0	.0		4.9	6.3	6,9	5,7	5.2	2.0
58	8.1	4.0	• 1	•0	.0		12.2	5.9	12.9	11.3	16.4	10.1
5	8.8	3.7	. C	.1	.0		12,7	5.7	14.2	13.4	12.3	10.7
Św	0.8	5.7	,3	·ō	.0		14.9	6.5	16.8	14.4	15.9	13.3
	7.8	7.1	.3				15.3	7.5	11.3	15.6	16.8	16.6
				•0	.0							
NW	8.0	6.0	• 1	•0	.0		14.2	6.9	12.3	14.8	14.0	15.1
VAR	٠.	•0	•0	•0	.0		.0	.0	•0	.0	٠.	•0
CALM	12.3						12.3	.0	11.1	11.1	9.7	10.8
TOT DAS	510	242	9	1	0	762	~~	5.6	153	279	134	196
TOT PCT	66.9	31.8	1.2	.i	.0		100.0		100.0		100.0	100.0

NOVEMBER

PERIUD: (PRIMARY) 1912-1971 (UVER-ALL) 1855-1971

TARLE 4

AREA 0009 KARIHATA STRAIT 1.85 107.9E

PERCENTAGE	SPECYENCY	12 F	WIND	SPEED	AV	HOUR	(CHT)

				HIND	SPEED (	KNOTSI			PCT	TOTAL
230K	CALM	1-3	4-10		22-33		48+	MEAN	PREG	235
00603	11.1	22.2	59.5	7.2	.0	.0	.0	5.5	100.0	153
06609	11.1	14.3	65.2	8.6	.7	.0	.0	5.9	100.0	279
12615	9.7	19.4	61.9	8.2	.7	.0	.0	5.6	100.0	134
18621	16.8	18.9	54.1	10.2	.0	.0	.0	5.3	100.0	196
101	94	137	462	66	3	Ü	9	5.6	•	762
PCT	12.3	10.0	60.6	8.7	. 4	.0	.0	•••	100.0	

TABLE 5

748: E

'AFT'					7,50%													
•	PCT FRED OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION MEAN							PERCENTAGE PREDUENCY OF CEILING MEIGHTS (PT/NH >4/8) AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION										
AND SIK	0-2	3-4	9-7	8 & nbscn	TCTAL CBS	CLOUD	060 149	150 299	300 599	666 999	1000	2006 3499	350C 4799	5000 6499	6500 79 <b>9</b> 9	8000+	NH <5/8	
N	.4	1.8	3.4	1.5		5.6	•0	.0	• 2	.4	.4	.0	.4	•0	,4	.0	5,4	
NE	. 0	. 6	3.0	.0		5.7	.0	• 0	.0	.0	. 1	.0	. 6	•0	.6	2.	3.1	
F	.0	. 5	1.8	. 6		5.0	•0	.0		.0	.0	• 0	.0	.0	.0	.0	3.0	
šE	. à	.0	4.8	3.1		6,9	• 0	۸	.0	. 6	3.0	1.2		• 0	•0	.0	3.1	
Š	1.2	1.9	3.1	3.9		5.8	.6	• 2	.0	1.2	.0	• 0	.0	.0	.0	.0	8.2	
S¥	.1	1.8	8.7	6.0		6.4	•0	2.	. ()	3.3	.1	2.8	. 1	٠Ċ	•0	.0	10.2	
5	1.0	1.2	12.4	7.3		6.3	• 3	•0	.0	3.1	3, 3	2.4	1.0	• 0	•0	.0	12.1	
NW	1.3	1.2	9.1	4.5		5.8	•5			. 9	1.3	3.1	1.3	•0	•1		9.3	
VAR	.5	.0	.0	.0		.0	•0	. ^	, c	٠.	.0	0.0	2.0	.0	•0	2.	.0	
CALM	1.8	3.6	4.8	1.8		.0	•0	• 2	.0	.0	1.5	1.2	1.2	•0	•0	.0	7.8	
TOT JES	ii	21	87	48	167	6.0	ĭ	Ťń	Ö	16	10	iā		Ŏ	ž	Š	104	167
TOT PCT	6.6	12.6	52.1	/8.7	100-0	- • •			.0	9.6	10.8	10.8	4.8	•0	142	40		100.0

TARLE 7

CUMULATIVE PCT FREC	OF SIMULTANEAUS OCCURRENCE
OF CEILING HEIGHT	(NH >4/A) AND VSBY (NH)

				VSBY INF	13			
CEILING	<ul> <li>OR</li> </ul>	■ CR	■ 38	a 75	<ul> <li>OR</li> </ul>	• 75	• 72	■ ¬R
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
■ OR >6500	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
■ PR >5000	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
■ PK >3500	4.0	5.8	5.8	5.8	5.8	5.8	5.8	5,8
■ DR >2000	13.3	10.2	16.2	16.2	16.2	16.2	16.2	16.2
- CR >1000	21.4	26.6	27.2	27.2	27.2	27.2	27.2	27.2
● CR >600	28.3	35.8	37.0	37.0	37.0	37.0	37.0	37.0
· 06 >300	28.3	35.8	37.0	37.0	37.C	37.0	37.C	37.0
■ DR >150	28.3	35.8	37.0	37.0	37.0	37.0	37.0	37.0
• nt > 0	26.3	35.8	37.0	37.6	37.6	37.6	37.6	97.6
TOTAL	49	62	66	44	65	44	64	65

FUTAL NUMBER OF DBS: 173

PCT FREQ NH <5/81 62.4

TABLE 74

PERCENTAGE FREQ UP L'DW CLOUDS (EIGHTHS)

0 1 2 3 4 4 6 7 8 385CD 085° 2.1 8.9 17.4 18.9 15.3 10.9 7.9 11.1 7.9 .0 190

NOVERBER

 PERIODI (PRIMARY)
 1912-1971
 AREA GOO9 KARIMATA STRAIT

 (JVER-ALL)
 1955-1971
 MARIF R
 1.85 107.9E

		Pi	PRCENT	FREQ PREC	NIH AC 1ATIQI	D DIRE	CTION Th yar	SOC SV V SVIV	URRENC ALUES	E DR N DF VIS	18161 18161	CURRENG TY	E DF
V58Y		*	NF	É	ŞF	\$	\$4	¥	kи	VAR	CALM	PCT	TOTAL
	PCP	•0	٠,	• 0	.0	•0	• 2	• 2	.0	.0	•0	.0	
<1/2	NO PCP	.c	.0	. 0	. 5	.0	. ^	.0	.0	.0	• 6	.0	
	TOT %	.0	.0	.0	.0	. 0	• 1	.0	.0	.0	.0	.5	
	PCP	. 5	٠,	٠,٥	.0	•0	• 0	.0	.0	.0	•0	.0	
1/2<1	NO PCP	.0	.0	.0	• 0	•0	• ^	•0	•0	.0	.0	.0	
	TOT %	.0	•0	•0	•0	•0	• 0	.0	• 0	.0	•0	۰,	
	PCP	• 6	.0	.0	.0		7	.0	.0	٠,	• •	.4	
1<2	NO PCP	.0	. 5	.0	.0	• 0	• ^		• 0	.0	• 0	.4	
	TOT \$	•0	.0	.0	•0	. 4	• ^	.4	•0	.0	• 0	. 8	
	PCP	.4	٠.	.0	.0	• 0	• ^	.4	.0	.0	.0	.8	
2<5	NO PCP	.0	٠,	.0	. 4	• 2	1.0	.0	.4	.0	•0	1.9	
	10T %	.4	• *•	• 0	.4	• 2	1.0	.4	. 4	•0	•0	2.7	
	PCP	٠.		.0	.2	.4		1.2	.0	.0	•0	2.3	
5<10	NO PCP	. 1		1.0	5.2	3.3	1.6	4.3	4.5	.0	1.0	27.1	
	TOT %	. 3	.0	1.0	5.4	3.7	2.7	5.4	4.5	.0	1.9	24.4	
	PCP	.3	.0	.0	1.2	•0	.4	.4	٠,	.0	•0	3.1	
10+	ND PCP	6.0	3.1	2.1	7.9	8.2	11.7	11.7	11.3	.0	7.4	69.0	
	TCT %	6.3	3.1	2.1	9.1	8.2	11.7	12.1	12.0	• 0	7.4	72.1	
	TOT DBS												256
	TOT PCT	7.0	3.1	3.1	14.4	12.5	14.5	16.3	16.5	.5	9.0	100.0	

ericant des executations de receix executations de receix de receix de receix de receix de receix de receix de

TATLE 9

	PENCENT FREC OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY												
VSBY (NM)	SPD KTS	N	NE	E	5E	\$	54	•	NW	V 1 K	CALM	PCT	TOTAL USS
	0-3	٠.٥	-0	• 0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	•0	.0	. G	, Ċ	.0	.0	.0	, ċ		.c	
	22+	٠,٥	.0	•0	.0	.0	.0	.0	. 0	.0		.0	
	TOT ¥	.0	.0	•0	•0	.0	٠.	.0	•0	.0	٠٥	•0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1			• (	• C	•0	• 0	.0	٠٤	٠.	٠.		.c	
	11-21	.0	.0	•0	•0	•0	.0	.0	.0	• C		.0	
	22+	٠.٥	• 0	• 0	.0	.0	.0	• 0	•0	.0		.0	
	TOT %	.0	٠.	•0	.0	.0	٠.	.0	٠,	• 0	.0	.0	
	0-3	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.4	
1<2	4-10	.0	.0	•0	•0	•0	.0	. 2	.0	.0		.2	
	11-21	.0	•0	• 0	•0	.4	.0	• 1	-0	.0		.4	
	22+	.0	•0	•0	.0	.0	.0	- 0	•0	•0		.0	
	<b>TOT </b>	.0	•0	•2	•0	.4	.0	.4	.0	.0	•0	1.1	
	0-3	Q	.0	•0	. 2	•0	.0	.1	.1	۰.0	.0	.4	
2<5	4-10	. 2	٠c	•0	.0	•0	. 4	• 2	. 2	.0		1.1	
	11-21	.0	• 0	• 0	•0	• 1	. 1	. 2	.2	.0		. 7	
	2.+	.0	.0	•0	• 0	• 0	٠,٥	.0	• 0	.0		0	
	TOT \$	.2	٠.	•0	.2	••	.6	. 6	.6	•0	.0	2.2	
	0-3	.2	٠¢	•0	. 2	. 4	. 2	1.2	.4	.0	2.0	4.7	
5<10		• 1	•0	•0	2.1	1.7	1.6	1.5	2.6	.0		9.6	
	11-21	.0	•0	. 3	1.0	. 1	.4	1.3	. 6	.0		3,8	
	22+	.0	.0	• 2	0	.0	2.3	.0	.,0	•0		2	
	# TOT #	. 3	•0	.5	3.3	2.2	2.3	4.0	3.6	.0	2.0	10.2	
	0-3	2.0	2.1	• 7	2.6	2.6	1.0	. 3	. 6	.0	10.7	23,3	
10+	4-10	4.3	2.6	2.9	7.1	5.8	1.3	3.7	9.4	.0		49.1	
	11-21	.5	- 1	• 6	. 9	. 2	1.2	1.9	1.1	•6		5.0	
	22+	.0	.0	• 0	0	.0	.0	9.	.0	•c		0	
	TOT \$	6.8	4.8	3.6	10.6	8.6	11.2	10.9	11.4	.0	10.7	78.4	
	TOT DAS									_			450
	101 161	7.3	4.8	4.3	14.1	11,4	14.0	15.9	15.5	۰.	12.7	100.0	

NOVEMBER

PERIUD: (PRIMARY) 1917-1971 "DVER-ALL) 1855-1971

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TABLE 10

AREA 0009 KARIHATA STRAIT 1.85 107.9E

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PERCENT FREQUENCY OF CPICING HEIGHTS (FEET/NH >4/6) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	1500 4999	5000 6499	6500 7999	6000+	TOTAL	NH <5/8 ANV HGT	TOTAL OBS	
£0300	.0	•0	.0	8.9	19.7	7.1	5.4	•0	1.3	.0	33.9	60.1	56	
90360	2.1	.0	.0	8.5	8.5	12.0	8.5	.0	.0	.0	40.4	59.6	47	
12615	.0	.0	.0	9.5	9.5	4.5	2.4	.0	2.4	•3	28.6	71.4	12	
18621	.0	.0	.0	10.3	12.8	15.4	•0	•0	.0	•0	38.5	01.5	39	
TOT	1	0	0	17	19	15	4.3	ů .0		3	65	119	184	

TABLE 11

TABLE 12

		PERCENT	FREGUEN	(CY 1581	( ( MN )	SY HOUR		CUMULAT					VSBY (NM)	
HGUR (GHT)	<b>&lt;</b> 1/2	1/2<1	1<2	2<5	5<10	10+	TCTAL GBS	HOUR (GHT)	<150 <50YD	<600 <1	<1000 <b>&lt;5</b>	1000+ ANC5+	NH <5/8 AND 5+	TOTAL DB\$
60300	.0	.0	.9	1.8	14.7	82.6	109	60300	•0	•0	9.4	26.4	64.2	53
90380	•0	.0	1.4	2.8	21.4	74.5	145	<b>*0360</b>	2.3	2.3	11.6	32.6	55.8	43
12615	٠,	.0	2.2	2.2	18.7	75.7	90	17615	•0	.0	10.3	20.5	69.2	39
18621	.0	٠.	.0	1.6	18.0	90.3	122	15621	•0	.0	13.2	26.3	60.5	38
TST PCT	0	0	9 1.1	10	86 18.5	365 78.3	466 100.0	70T PCT	1	1	19 11.0	46 26.6	108	173

TARLE 13

TABLE 14

						_										-				
	PERC	ENT F	EOUENC	Y OF #	EL AT IV	E HUMT	DITY 8	Y TEMP	TOTAL	0.07		PERC	ENT FR	EQUEN	Y UF 1	1140 DI	RECTIO	34 BY T	£*P	
TEMP F	0-29	30-39	40-49	50-59	40-69	70-79	80-89	90-100		PCT FRED	N	٧E	E	SE	S	SW	W	MM	VAR	CALM
85/89	.0	.0	.0		2.2			.0		4.5	.0	1.1	.0	.0	.6	1.1	.0	16.7	.0	1.
80/84	.0		• • •	• 0	1	33.7	41.0	10.7	155	•7.ì	6.5	3.1	3.7	10.7	11.0	11.4	15.2	16.7	•c	9.0
75/79	٠.٥			• • 0	• • • •	1.1	6.2	1.1	15	8.4	. 6	.0	.0	1.4	1.4	2.1	1.5	. 8	.0	.0
TOTAL	0		) 0					21	178	100.0										
PCT	.0	•0	• • •	•0	3.4	37.1	47.6	11.0	-		7.0	4.2	3.7	12-1	12.9	14.6	16.7	18.1	•0	10.7

TARLE 15

	"EANS,	EXTREM	ES AND	PFRCEN	T1L#S	0F TE	HP (DE	G #) 8	Y HBUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTIGIFU		t
HOUR (GMT)	MAX	995	95%	50%	54	1%	MIN	MEAN	TOTAL UBS	HUUR (GHT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
£0300	95 92	86 91	85 88	82 83	78 79	76 77	76 75	81.5 82.8	152 261	E0300	•0	•0	2.0	33.3 39.2	51.0 47.1	13.7	83 79	51 21
12615	80	87 24	86 84	82 62	79 78	78 76	77 75	81.9	132 194	12615 18621	.0	.0	•0	39.5	41.9 58.1	16.0	82 82	43
TOT	95	17	86	82	78	76	75	82.0	759	TOT	•	Č	6	68	93	21	12	188

MUARABER

PEFIDD: (PPIMARY) 1912-1971 (GVER-4LL) 1855-1971

TABLE 17

AREA 0009 KARIMATA STRAIT 1.85 107.9E

PCT FRFO OF AIR TEMPERATURE (DEG F) ANN THE OCCUPHENCE UF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

			_					
ムをスーちにハ	77	9 1	85	80	>92	101	٧	¥S.
THP DIF	80	84	88	47			Füs	FOG
11/13	.0	.0	٠.	.^	.5	1	.0	.5
6	.0	.0	. 5	.0	.0	Ĭ	.0	. 5
4	.0	.0	1.5	·e	.0			1.7
i		.0	. 5		.0	ž		1.0
3 2 1					.0	•		
-	•0	1.0	1.5	• ?		5	• ၁	2.4
1	••	3.0	1.0	• 0	•9	10	• ?	4.9
0	.5	:/.0	1.9	• ^	٠.6	40	• 0	19.4
-1		16.0	1.0	ō	•0	35		17.0
-2	4.9	18.4	.0	. 0	• 3	4.8	- 7	23.3
-3	4.9	7.3	.0	. 0	.0	25		12.1
-4	4.4	2.9	.0	• ^	. 0	15	. 5	7.3
~5	3.9	1.5	.0	• ^	.0	1:	.0	5.3
-6	1.9	• 0	.0	. 1	.0	- 7	•0	1.7
-7/-8	2.4	.0	.0		•0	ŝ		2.4
TOTAL	47	• • •	17	• •	ĭ	•	·ò	206
	٠,				•		0	200
		140		1		206		
PÇT	22.0	68.0	6.3	.5	٠,	100.0		100.0

PE-1-01 (OVER-ALL) 1963-1971

				P	T FRED :	of wind	SPEE?	(KTS) AND DIRE	CTION V	ERSUS S	EA HFIO	HTS (FT)	1	
#G₹	1-3	<b>-:</b> 0	11-21	27-93	34-47	43+	PÇT	:-*	4=10	11-21	NE 22-33	34-47	48+	967
<1	1.0	.0	.0	•0	• **	.0	1.0	3.^		.0	.0	.0	.5	3.0
1-2	:.^	6.0	• 0	• 2	٠		7.0	7,	3.0		.5	•0	:5	3.7
3-4	. 5	٥.	•0	.0	.0	•0	.c		.0			•0	:5	•6
4.4	• >	.0	.0	.0	.0		.0		, o	.ŏ	.0	•0		•6
7		.0	. 5	.0			.3	•	ັ້ນ	ěš		•0	.0	•0
6-3		. 0	2.	•0	.0	.0			č			• • •		•6
10-11	•:		.0	.0	- 7	,5	ě	, ,	š	ě	::	• 0	.0	.0
12	• >	٠.	۸	.0	. :				.5			.5	::	•0
13-15		.0	'n	. 6		.0		; À	.0	:*	.5		.5	
17-19	•	, ū		.0					iõ	: 5		•5	.0	•0
20-22	• ^	.c	• ^	. š				<b>:</b> 2	. 5	: 6	.6	ž	:3	.0
23-25	• •	. 0	•^	.0	• ~	• •		•	ě	.0	.0	•0		•0
26-32		٥٠		.0	. •		c	ຸ່າ	٥	.0			. 5	
33-40					•		ě		.5		-0	•0	• •	.0
41.49	. 3	.5	•		4		٥	ñ	ŏ	ő	•0	• ?	٠,	٠,
49-50	.:	.0	• .				ě	.0	.5		•0	• 0	٠.٥	.0
61-70	. 4	٥.		3.	.;		č	• • • • • • • • • • • • • • • • • • • •	ú	•0	•0	•0	٠.٥	,c
71-t6		.5		.5		.5	.5	:>	.5	•2	•0	٥٠	•0	.0
37+	.0	• • • • • • • • • • • • • • • • • • • •			.6	.5		• • • • • • • • • • • • • • • • • • • •		•0	•0	• 0	٠,	•0
TOT PET	2.0	6.0			ž	.5	8.0	3.0	3.0	• ?	•0	•0	.0	.0
	-•		• • •	••	• /	••	0.0	<b>3</b> 4()	3.0	•0	•0	•5	.0	6.0
HGT	1-3	4-10	11-21	E 22-33	34-47						SE			
<.		4.0	.0			42+	PET	1-2	4-10	11-21	22-33	34-47	48+	PCT
1-2		•.0		•0	.0	٠,	5.3	1.3	2.7	•0	•0	•0	•0	4.0
3-4	:5	.0	•0	, • 0	•0	• • •		•0	4 . C	1.3	.0	• 5	.3	5.3
5-6	ڎٙڎ	.0	•0	1.3	٠,٠	٠0	1.3	•0	•3	1.3	.0	•0	.0	1.3
7	::	.0	.0		.0	•0	• • •	• 0	.0	•0	.0	• 0	.0	.0
e-9	:5	.0		٠.	• ?	٠,٥	•0	• ?	•5	.5	•6	•0	• 0	.с
10-11	:5		•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	.0	.0
12	.5	:8		•0	•"	••	• •	•0	• 5	• 3	•0	•0	.0	•0
13-16	: 5	.0	• 0	- 5	• 2	٠,٥	•0	•2	• 0	• 5	.0	•0	•0	.0
17-19		:3	• 9	•0	•0	٠.	•0	•2	• ?	• 5	.5	•0	.0	•0
22-22	.5	.0		• ?	• ?	• 9	• 5	•2	•9	.0	•0	•0	.0	•0
23-25			• 2	.0	• ?	•0	•0	•ū	• 5	•0	•0	• 0	•0	.0
25-32	• 3	.0	•0	.0	. 3	• • •	•3	• 5	• 0	•0	.0	• n	.0	.0
32-40	• :	.0	• 0	•0	.0	•0	•0	•0	•0	• 3	٠٥	•0	.0	.0
41-48	• ;	. 5	•0	• 3	• 2	•0	•0	• າ	•0	.0	.0	•0	.0	.0
#5-00	• 3	• 0	•0	.0	• ?	• 3	•0	• 2	• 0	• 0	.0	.0	.0	.0
	• 2	. 2	•0	• ?	. ?	•0	•0	• 2	•0	.0	-8	•0	.0	.0
61-70	• ?	. 3	•0	.0	• າ	• • •	• 2	• 2	,0	.0	.0	•0	.0	.0
71-86	• ?	.5	• 10	• 2	.0	•0	.0	• ?	• 0	.0	, 0	.0	.5	•0
87+			•0	0	• •	•0	•0	•0	•0	.0	.0	•0	.0	.0
דמד פנד	1.3	4.0	• ?	1.3	.0	•0	6.7	1.3	6.7	2.7	•0	•0	ě	10.7

PE<100:	1005	2-1111	1263-1	671				NOVEMBER				2464	0n <b>09</b> #	ART#AT.	STRAIT
, tripo.			1903-1	***			1	TABLE 18 (CONT	1			- 10-11		5 107	
				PC	T FPEG O	F WIND	SPEED	(KTS) IND BIRE	ACITS	VERSUS S	EA MEIG	HTS (FT)			
				\$							Sw				
HGT	1-3	4-10	11-21	22-13	34=47	48+	PCT	1-3	4-10		22-33	34-47	48+	96T	
<1	1,3	.0	•0	•0	.0	••	o.0	1,3	3.0		.0	.0	.0	3.3	
1-2	1.5	1.3	1.3	.0	.0	.0	2.7	:4	1.3		.0	.0		2.7	
5-0		1.5	.0	.0	• (	٥.					.0	٠٥			
7	.:	.5	.0	.0			Ď	2				ž	.0	.0	
8-9	• •		.0	.0		.0	č	ŕ	. c			ó		.0	
10-11	• •		.0		3.			:-			.0		.ŏ		
12	. c	.5	.0			.0	č					.0	.0	.0	
13-16		٠.	•0	.0	ċ						.0	ě			
17-19	-	.0	•^	.0		.0						• 0	. 5	.0	
2-22	. 2	. U		. 0		.0	.0	ñ				• 0	.0	. c	
23-25	. 5	.0	.0	.0	.0	.0	.0	.0		0	.0	•0	.0	.0	
25-12	Ü	. 0	.0	.0		.0	. 0	-	٥		.0	• 0	.0	• C	
33-43	. 5	.0	.0	• C	·c	• C	.c	٠,	• (	n.	.0	•0	.0	.0	
41-45		.0	•0	.0	.0	.0	٥.	• 7			.c	•0	.0	•0	
49-63	• 5	.0	• 0	40	• 0	.0	٥,	.0	• 0		•0	•0	.0	•0	
61-70		.0	• 0	.0	. 0	.0	• C	2		• • •	•0	•0	•0	•0	
71-65	.:	.c	• 6	.0	٠.	.c	۰۲	• n	• '		.0	•0	.0	•0	
87+	. :	.0	• (	• 0	٠,	٠,					• 0	•0	.0	0	
דמו פנד	1.0	6.3	1.3	٠0	•0	•0	9.7	1.7	٧.٠	1.3	•0	•0	.0	10.0	
											٠,				TOTAL
~G*	1+3	4-10	11-21	27-13	34-67	48+	PC*	:-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	• 0	1.3	• 0	.,	.0	.0	1.3	.0			•0	• 0	.0	1.3	
1-2	. 3	6.3	• 0		• 1)	-0	6.3	.3	5.		•0	• 2	.0	9.0	
3-4	4.3	2.0	1.0	•0	.0	.0	4.3	. າ	5.	.3	.0	•0	٥٠	6.3	
5-5	.0	.0	•0	•0	• 5	•0	• 0	• 2	• 0		•0	•0	•¢	1.3	
7	• -	٠.	۰Ω	•0	.0	•0	•0	.0	• • •		•0	• 0	•0	.0	
6-9	:5	.0	.0	•0	• 0	-0	ي ،	• ?	• 9		.0	• • •	•0	•0	
17-11		• 0	•0	•0	•^	•0	• 0	•0	•		٠.	د.	٠.٥	.0	
12	• 3	.0	• 0	•0	• 0	٠.	•0	.0	• ;		•0	•0	.0	.0	
13-15	• 3	.0	•0	.0	• 2	•0	•¢	• 0	• •		.0	•0	.0	.0	
17-19	٠٠٠	٠.	• 9	٠.	• 5	.:	•5	•			.5		.0		
20-22	:3	٠.	•0	•0	.0	• • •	.o	.0			.0	•5	٥	.0	
23-25		٠,٥	• 0	•0	• -	٠.٢	.0	.0			.5	•5	.0	.0	
24-32 33-40	:5	٥. ٥.	2.	.0	· · · · · · · · · · · · · · · · · · ·	:6	3.	• • • • • • • • • • • • • • • • • • • •			.0	•0	.5	.0	
41-48		.0	'n		.0	.0	•0			š	.5	•5		.0	
-9-60	::	.6			••	.:		. 2	1:					ě	
51-70	• •			.5		3:	3.	ž					č	ě	
71-05	::		٥٠		.ć	.0	, c	:0			.0	. 5	.5	.0	
87-	.5		م	.0	: ``		č	ŏ	i		.0	.0	.0		
TOT PCT	1.0	9.7	1.0	.0	.0	٥.	12.0		15.0		.0	• 0	.0	18.0	80.0

	+1.1	SPEED	(KTS)	15 FE	PEIGHT	(FT)		
HET	0-3	4-10	11-21	22-33	34047	48+	PLT	TST DBS
<1	27.3	11.7	.0	.0	.0	.0	39.0	
1-2	5.2	35.1	1.3	ó	. 5	.5	41.0	
3-4	1.3	10.4	5.2	1.3	.0	.0	18.2	
5-6	5	.0	1.2		.0	ñ	1.5	
7	3.	: :	c		. 5	.0		
8-7			.c			.0	. U	
16-11	. 0	.0	5.	ñ		. 0		
12	. 5	.0	.c		.0	٠		
13-16	3.	.5			.0		, c	
7-19	3:	ŏ		, c	.c	. 1	.c	
20-22	٥.	.0			, 5		.0	
73-25	.0	.0		Ö	. 5		.0	
26-37	.0	.0	٥.	č	.0			
33-40	.0	.0	٠.	ő		. č	.c	
41-48	.0	. 0			.0	.0		
49-65	٥.	.,,	3.				č	
41-72				ň				
71-85	.5			ő			.0	
£ /+	٥.			ě			.5	
6 / <del>•</del>	-0	•0	••	• •	• •	• ′	• • •	77
דחד פכד	33.8	57.1	7.8	1.3		.0	100.0	,,

PE=1;	D: (5)	£8-4L:	; ;94	9-197	:				TABLE	19											
					PERCENT	F3E	DUENCY OF	nA:	ve mei:	HT EF	t) VS .	MAYE P	CCIPA	ESECON	051						
PF#175 (SEC)	<;	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	50-55	23-25	26-32	33-40	41-46	49-60	61-70	71-80	87+	TOTAL	MEAN HGT
46 6-7	9	3	17.4 3.6	4.5	3.0	.0	.0	.0	.c	.0	0.0	.0	.0	•0	ن. ن	.0	.0	.0	.0	83 17	2
8-4	• 7	. 9	. 5	. 8	.0	.0	.0	.0		٠.	.0	.0	.c	.0	.0	.0	.0	:5	.0	,	•
12-13	,	1.5	.5	:0	.0	.0	.0	.0	.c	:0	.0	.0	.0	•0	.0	.0	.0	.0	.0	5	•
>.3 TNUET	10.7	2.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	:0	.0	.0	:0	28	0
PCT	27.1	37.1	22.7	9.8	3.0	.0	.3	.0	.0	.0	.0	.0	•0	.0	٥.	.0	.0	.0	.0	132 100.0	2

necember

PER100:	(PRIMARY)	
	(SVE4-ALL)	1856-1971

TABLE 1

APEA GUND KARIMATA STRAIT 1.85 107.9F

DESCENT .	PENHENCY	5.6	LEATHER	SCCURRENCE	 5.75 B	CIRCTIO	14
PERLETT	PREDUENCY	ur	BERTHER	ULTURNENCE	 W 1 - U	DIRECTI:	J

			,	RECIPI	TATION	N TYPE					THER	WEATHER	PHEND	HENA	
and dir	RAIN	RAIN Shar	DRZL	ER75 PCPN	NOM	UTHER FRZN PCFN	HAIL	PCPN AT OB TIME	PEPN PAST HOUR	THOR	FUG 70 PCP4	FOC WO PCPN PAST HR	SHOKE HAZE	SPRAY SLWG DUS' BLWG SND	
N NE	4.5	3.4	1.7	.0	.0	.0	٥.	9.7 7.1	3.6	3.4	.0	.0	.0	•?	85.1 92.9
E S E	.5	.5	.0		9.	:		.0	.0	.0	.0	. c	•0	• 0	100.0
S Sn	7.4	.0	.0	.0	.0	.0	.c	9.3	7.4	9.3	.0	.0	•0	• • • • • • • • • • • • • • • • • • • •	100.0
n Nu	10.7	3.7	2.0	::	.0	.0	٠٥ د.	20.5 10.3	5.4 8.1	5.1	.0	:0	•0	• 5	76.5
CAL	.0	:0	.0	.0	.0	2.	٥. ت.	.0	•0	11.8	.0	.0	•0		.0 60.2
TOT PCT	6.0	3.5	1.0	.0	.0	.0	.0	10.4	5.0	5.5	.0	•0	•0	•0	79.6

740LF 2

PERCENT	FREDLENCY	20	MEATHER	DECURRENCE	Bv	HOUR

FEMALES FINESCOS DE METINE : PERUNCHE EN MONT															
			•	RECIPI	CITATIO	N TYPE					THER	HEATHER	PHEND	MENA	
POUR (G=T)	MIAW	RAIN Smur	DR7L	PCPN	SNOH	OTHER FRZN PCPN	HAIL	PCPN AT	PCPN PAST HOUP	THOR LING	F36 F37 FCFV	FOG WO PCPN PAST HR	SMOKE	SPRAY BLWG DUST BLWG SYDN	
00609 00609 12615 16621	5.4 10.2 6.1 2.4	3.6 5.1 4.1	1.8 1.7 .0	.0	.0	•••	.00.00	10.7 16.9 10.2 2.4	3.5 8.5 2.0 4.8	1.7 12.2 9.5	.0	• • • • • • • • • • • • • • • • • • • •	•0 •0 •0	•0 •0 •1 •0	85.7 74.6 75.3 83.3
TOT PCT TOT CBS:	6.3 276	3.4	1.0	.0	• • •	.0	.0	10.7	4,9	5.3	.0	.0	•0	•9	79.6

749·F 3

## PERCENTAGE PREQUENCY OF WIND DIRECTION BY SPEED AND BY HOLK

												_					
HNO DIR	0+3		ND SP#1 11-21			48+	TOTAL Cas	PCT FRFQ	"EA" 5°D	00	13	96	48UR 09	(G#T)	15	18	21
YESS WWW MAN SECTOR	1.4 1.9 .3 .1 .7 1.8 1.9 2.5 .7 122	9.7 2.2 .5 1.1 7.8 7.3 13.3 22.5	2.4 4.9 9.5	.1 .0 .0 .0 .7 .7 .6	.0	000000000000000000000000000000000000000	703	16.0 3.6 .9 1.3 3.7 11.5 20.9 34.4	9.05 5.6 5.7 7.8 9.2 9.3 9.3 9.3	5.5 2.6 3.3 9.7 10.2 34.4 .0 0.1	12.5 62.5	1.2 .9 5.8 12.6 17.7 31.0 .0 9.0	1.6 1.1 .0 .5 13.0 23.9 37.5 .0	1.6 .8 .4 4.7 12.6 25.0 39.3 .0 7.3 123	12.5	4.1 9.7 21.7 33.7 .0 8.2 98	6.3 79
TOT PCT	17.4	59.3	21.0	1.4	• 3	• 5		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TAS	Lf	34

HND DIR	0-6	#140 7-16	SPEED 17-27	(KNSTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	H3U! 08 09	12 15	18 21
7 E F F F H VAR	5.6 1.8 .5 .5 2.8 5.0 8.1 11.8	9.1 1.8 .3 .5 .9 6.0 10.6 19.6	1.4 .0 .2 .0 .1 .4 1.9 2.6	000000440	0000000000		10.0 3.6 .9 1.3 3.7 11.5 20.9 34.4	9.0 6.5 5.6 6.2 7.7 7.8 9.1	18.9 5.4 .0 2.5 3.2 8.9 18.0 35.2	16.8 3.5 1.2 .0 4.0 12.7 19.9 33.3	14.2 2.0 1.2 4.5 12.2 24.6 33.9	14.0 3.7 1.1 2.0 3.1 11.0 22.2 35.5
CALH TOT ORS TOT PET	7.7 310 44.1	343 48.8	45		:1	703	7.7	3.0	7.9 140 100.0	259 100.0	7.1 127 100.0	7.3 177 100.0

DECPHREP

PERIOD: (PRIMARY) 1911-1971 (OVER-ALL) 1856-1971

TARLE 4

AREA 0009 KARIHATA STRAIT 1.85 107.9E

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GMT)

наця	CALM	1+3	4-10	NIND		KN9T5) 34-47	48+	MEAN	PCT	TOTAL
00603 06609 12615 18621 TOT PCT	7.9 8.1 7.1 7.3 54 7.7	12.1 8.9 8.7 9.6 68 9.7	60.7 58.3 63.0 57.1 417 59.3	18.6 22.8 1d.9 24.3 152 21.6	.0 1.5 2.4 1.7 10	.7 .4 .0 .0 .0 .2	•••••	7.9	100.0 100.0 100.0 100.0	140 259 127 177 703

et en mandismatikan mangan mangan kan mangan kan mangan kan mangan mangan mangan mangan mangan mangan mangan k

TARLE 5

....

				-								7.	ABLE 6					
			LULTE LULTE	CLOUD A D DIRF(	TICN	(EIGHTHS) PEAN			PFRCE	ATAGE (	FREQUEN CCURREN	CY CF	CEILIN	G HEIG	HTS (	FT,NH IPECTI	)4/8) UN	
WIC DIR	C-2	3-4	5-7	3 E 085CD	CBS	COVER	000 149	15n 290	300 500	600 999	1000	2000 3499	3500 4999	5000 6499	0500 79 <b>9</b> 9	8000+	NH 45/8 ANY HGT	
NEESES NINGENEESES	2.3000	1.3 .7 .7 .9 .7 1.3 6.0 .0 2.7 2.7	14.# 2.5 .0 3.7 4.9 8.2 18.3 .0 5.07 58.4	4.7 1.0 .7 1.3 1.5 5.5 8.1 .0 1.3 36 24.2	149	6.2 6.7 3.0 6.0 7.0 6.3 6.2 6.1 .0 5.5 6.1	.0	700000000007	000700000000000000000000000000000000000	.5 .2 .7 1.3 .7 2.0 4.0 .7 15	3.5 1.2 .0 .7 .7 2.7 5.0 2.0 23 15.4			00000000000000		000000000000000000000000000000000000000	15.3 2.2 .7 .0 1.8 5.7 11.6 22.5 .0 6.7	149 100-n

TABLE 7

CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH 34/8) AND VSRY (NH)

CE It ING	• OR	• OR	- 50	V587 (4)				
			• DR	● FR	• QR	● JR	- OR	- 3A
(FEFT)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
● CR 26500	.7	.7	.7	.7	.7	_	_	_
* "R >5000	. 7	. ,	. 7			•7	•7	.7
■ TR >3500	7			.7	. 7	.7	.7	•7
		1.3	1.3	1.3	1.3	1.3	1.3	1.3
■ GR >2000	5.3	6.6	6.6	6.6	0.6	6.6		
# DR >1000	15.9	20.5	21.2				6.6	6.6
• DR >600				21.2	21.2	21.2	21.2	21.2
	25.2	30.5	31.1	31.1	31.1	31.1	31.1	31.1
• CR >300	26.5	32.5	33.1	33.1	33.1	33.1		
<ul> <li>CR &gt;150</li> </ul>	27.2	33.1	33.0				33.1	33.1
■ TR > 0				33.8	33.8	33.4	33.8	33.6
	27.2	33.1	33.8	33.8	33.8	33.8	33.8	33,8
TOTAL	41	50	51	91	51	31	300	33.0

TOTAL NUMBER OF OBS: 151

PCT FREG NH <5/81 66.2

TABLE 74
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

7 1 2 3 4 9 6 7 8 DBSCD TOTAL 11.2 5.5 22.0 20.1 15.2 12.2 10.4 8.5 4.9 .0 164

n				
			и	

6.8 18.6 33.5

.0

8.5 100.0

200

	011_1071													
PERIOD: (PRIMARY) 19 (GVER-4LL) 10										ARE	A 0009	KARIHATA STRAIT		
		pe	RCENT	FREQ D PRECI	F WIND Pitati	DIREC ON WIT	TION T	VS BCCI	URRENCI ALUES 1	E OR N	GN-OCC IBILIT	URRENC Y	E OF	
VSBV (NH)		ĸ.	NE	E	SE	5	Sw		NW	VAR	CALM	PCT	TOTAL	
<1/2	PCP NO PCP TOT %		.0	.0	•0	•0	•0	•0	• ?	.0	•0	.0		
1/2<1	PCP NO PCP TOT %	:?	.0	•0	.0	•0	•0	.0	.6	.0	•0 •0	.0 1.0 1.0		
1<2	PCP NO PCP TOT %	0.0	0000	•0	.0	•0	.0	.c .c	.0	.0	•0	.0		
2<5	PEP NO PCP TOT %	.0 .0	.0	••	.0	•0	•0 •9	000	.0 .5	.0	•0	.0 1.0 1.0		
5<17	PCP NO PCP TOT %	1.1 3.3 4.4	.1 .8 .9	.5	•0	.0 .5	. 5 . 3 . A	2.5 7.5 5.0	2.3 2.8 5.0	.0	•0 •5 •5	6.5 11.0 17.5		
	(NÄ) <1/2 1/2<1 1<2 2<5	CNH1	V58V (NM) PCP .0 41/2 ND PCP .0 TCT 3 .0 1/241 ND PCP .4 TCT 3 .4 1<2 PCP .0 TCT 3 .6 1<2 PCP .0 TCT 3 .0 2<5 ND PCP .0 TCT 3 .0 2<5 ND PCP .0 TCT 3 .0 3<6 ND PCP .0 3<6	V58V	V58V	PRECIPITATI   V58Y	PRECIPITATION WIT   V58Y (MM)   NE	V58V	VSBV	V58V	VSBV	VSBY	VSBY	V5BV

000 000 000

.000

TOT ORS

4.8

.7

.7 3.5

VSBV SPD (NH) KTS 0-3 C1/2 4-10 11-21 22+ TOT \$ TOT \$ S 00000 00000 00000 00000 00000 04004 TOTAL VAR 000000 000000 000000 000000 000000 000000 000000 000000 000000 NN007 000000 000000 000000 300003 04004 1<2 4-10 11-21 22+ TOT \$ 0-3 --10 11-21 22+ FOT \$ 0-3 5<10 4-10 11-21 22+ TOT % 0-3 4-10 11-21 22+ TOT % 17.0 52.9 15.2 .3

7.7 18.8 34.0

### necember.

PERIJD: (PRIMARY) 1911-1971 10VER-ALL: 1856-1971

这个时间,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就 1990年,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们

TABLE 10

AREA 0009 KARIHATA STRAIT 1.85 107.9E

PERCENT	FREQUENCY OF	CFILING !	HEIGHTS	(FFET.NH	34/81	AND
• •	000				,,,,,,	

HOUR (G#T)	000 149	150 299	300 599	999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANV HGT	TOTAL
20203	.0	.0	4.3	8.5	17.0	4.3	.0	•0	.0	•0	34.0	66.0	47
26609	.0	2.2	•0	8.7	13.0	4.3	٠.	.0	.0	•0	28.3	71.7	46
12615	.0	.0	•0	8.6	14.3	5.7	2.9	.0	.0	2.9	34.3	65.7	35
18821	.0	.0	3.4	13.8	13.8	6.9	.0	.0	•0	•0	37.9	62.1	29
TOT PCT	.0	.6	3 1.9	15	23	8 5.1	. 0	.0	.0	1	52 33.1	105	157

TABLE 11

TABLE 12

		PEPCF .T	FREGILEN	CY VS8	Y {NM}	BY HOUR		CUMULAT					(MF) YBRV RUCH YBVL	
HOUR (GMT)	<b>C</b> 1/2	1/2<1	1<2	2<3	5<10	10+	TCTAL CBS	MOUR (GMT)	<150 <50YD	<600 <b>&lt;</b> 1	<1000 <b>&lt;</b> 5	1000+ 4705+	NH <5/8 AND 5+	TOTAL DBS
30603	•0	.0	•0	5.4	14.0	80.6	93	00803	•0	4.5	15.9	18.2	65.9	44
90360	• 5	.0	•7	.7	9.0	89.6	134	06609	•0	2.3	11.4	18.2	70.5	44
12615	.5	2.7	••	1.4	12.2	83.8	74	12615	•0	•0	8.8	26.5	64.7	34
18621	٠.	1.2	•0	1.2	12.8	84.9	86	16221	.0	3.4	17.2	20.7	62.1	29
TOT PCT	2	. 8	.3	2.1	45 11.6	330	387 169.0	TOT PCT	20	2.6	13.2	31 20.5	100	151

TARLE 13

TABLE 14

	PERC	ENT FP	EDJENC	Y OF PE	ELATIVE	E HJMI	DITY B	Y TEMP	TOTAL	PC*		PERCE	NT FRE	DUENC	Y 3F #	140 DI	RECTIO	N BY T	٤×٥	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	40-89	90-100		FREC	٧	*1E	£	SE	5	SW	wi	4#	VAR	CALM
90/94 85/89 80/84	.0	• • • • • • • • • • • • • • • • • • • •	••	•0		27,9		.0 10.9	1 117	7.5 79.6	3.4 15.1	.0 4.6	.0 .0	.0	.0 5 3.9	.0 .2 5.8	.0 .7 13.6	27.7	.0	2.0 7.3
75/79 TOTAL	• • • • • • • • • • • • • • • • • • • •	Ō		•	3	•6	73	•		12.2	1.7	1.0	•0	.0	.7	.9	4.6	3.4	.0	. 3
PCT	.0	•0	•0	•0	2.0	3:.3	49.7	17.0			20.9	5.6	.7	•7	5.1	6.8	18.9	31.5	-0	9.5

TARLE 15

	MEA'S,	EFTREM	ES AND	PERCEN	TILES	OF TE	4P (DE	G f) 8	AUCH Y		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTICIM	BY HOUR	
HOUR (GHT)	<b>WAX</b>	99%	95%	53%	51	1%	-14	MEAN	TOTAL DBS	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00603	87	85	84	8;	77	74	74	81.1	139	00203	.0	•0	•0	29.5	54.5	15.9	83	44
20634	92	90	86	82	77	72	70	<b>\$1.8</b>	258	90390	.0	•0	4.8	31.0	42.9	21.4	82	42
12615	92	91	84	81	78	77	76	81.6	127	12615	.0	.0	3.0	33.3	51.5	12.1	61	33
18621	87	84	83	51	77	75	74	80.8	178	18621	.0	.0	•0	31.3	53.1	15.6	83	32
TOT	92	67	85	81	77	74	70	81.4	702	TOT	0	ō	3	47	76	25	82	151

DECEMBER

PERIOD: (PRIMARY) 1911-1971 (OVER-ALL) 1856-1971

TABLE 17

AREA 0009 KARIHATA STRAIT 1.85 107.9E

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCUPRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

_								
AIR-SEA	73	77	81	85	89	TOT	'n	₩8
THP DIF	76	80	84	84	92		FOG	FOG
9/10	.0	.0	.0	.0	.6	1	•0	.6
7/8	.0	• 0	1.3	. 0	. ö	ž	.0	1.3
5	.0	•0	3.2	ň	1.3	7	• 0	4.4
4	ĕ	.0		1.3		ż	.0	1.3
- :		.0		1.6	.0	•	•0	2.5
3 2	•0							
Z	•0	+6	3.8	.6	•0		•0	5.1
1	.0	.6	7.0	3.8	٠.	18	•0	11.4
1	.0	•0	13.3	.6	.0	22	•0	13.9
-1	.0	1.3	18.4	1.9	.0	34	•0	21.5
-ž	.0	1.9		.0	.0	23	.0	14.0
-3	.0	4.4	6.3	.0	.0	17	•0	10.8
-4	.0	3.2		.0	.0	9	.0	5.7
-5	.ŏ	4.4	٥.		.0	i	.0	5.1
-6	.0	•6	.6	•0	•0	3	•0	1.3
-9/-10	.6	•0	.0	•0	.0	1	• 0	.6
TOTAL	1		111		3			158
	•	27		16	•	158	•	•
PCT	.6		70.3		1.0	100.0		100.0

PERIOD: (OVER-ALL) 1963-1971

				₽C	T FRED I	BF WIND	SPEED	(KT5)	AND DIREC	TION V	ERSUS \$	EA HEIG	HTS (FT)		
				N	<b>.</b>							NE		48+	
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	.0	PCT •3
<1	1.1	1.9	.0	.0	•0	•0	3.1		0	.3 2.5	.0	•0	•0	.0	3.6
1-2	•0	10.6	1.7	•0	•0	.0	12.2		1.1	.0	1.1	•0	.0	:ŏ	1.1
3-4	٠.	1.9			.0	.0	.0		.0	.0	*.0	:0	•0	.0	
5-6	•0	.0	1.1	.0	.0	.0	1.1		•0	.0	•0	.0	•0	.0	.0
7 8-9	.0	.0	.0	.0	.0	.0	•••		.0	.0	•0	.0	٠٥		
			•0	.0	.0	.0	•0		.0	.0	.0	.0	•0	.5	.0
10-11 12	٥.	.0	.0	.0	.0	.0	.0		.0		.0	.0	•0		.0
13-16	.5	.0	•0	·ŏ	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
17-19		.0	•0	.0		.0	.0		.0		.0	•0	•0		.0
20-22	.č		.0	.5	.0	.ŏ			ő		ě	.0	.0	.0	.0
23-25		.0	•0	.0	٥٠		.0		ŏ	.0	.0	.0	.0	- 2	•0
26-32	.0	.0	•0	.5	.0	.0	ŏ		ěŏ		.0		•0		.0
33-40	٠٥	.0	.0	.0	.0		.0		ŏ	. 0	.0	.0	• 5		•0
41-48		.0	.0	.ŏ	ě	.0	ě		ŏ	.0	.0		.0	.ŏ	.0
49-60	.č	.0	•0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	.0
61-70	.0	.0	.0		ñ		.0		. 0		.0	.0	• 0	.0	.0
71-86	ŏ	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
87+		.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	.0	. 0	.0
TOT PCT	1.1	14.4	6.1		.0	•0	22.5		1.1	2.8	1.1	•0	.0	.0	5.0
												SE			
HGT	1-3	4-10	11-21	£ 22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
	.0	10	.0	.0	.0	•0	.0		.0	.0		•0	.0	.0	
<1 1-2	:0	.0	•0	.0	.0	.0	.0		•0	.0	.ŏ		•0	ě	.0
3-4	.0		.0	.0	.0	.0	.0		.0		.0		.0	.0	
5-6	ĕ	.ŏ	•0	.ŏ	ő		ŏ		ŏ	.0		.0	.0	.0	.0
77	.0		•0	ŏ		.0	.0		ŏ	.0	.0	.0	•0	,õ	•0
6-9		.ŏ	ŏ	.0	.ŏ	.6	.0		,0	.0		.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	.0
13-16	.0	.0	.0	.0	.0	•0	.0		.0	.0		.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	•0	.0		.0	.0	.0	-0	•0	.0	•0
20-22	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	•0	.0	.0	.0
23-25	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	•0	•0	.0	.0
26-32	.0	.0	•0	.0	.0	•0	.0		•0	.0	.0	•0	•0	۰.0	•0
33-40	.0	.0	•0	-0	.0	•0	•0		•0	.0	.0	•0	•0	.0	•0
41-48	.0	.0	•0	.0	.0	•0	•0		.0	•0	.0	•0	•0	.0	.0
49-6C	.0	.0	.0	.0	.0	•0	•0		•0	.0	.0	٠.	•0	.0	•0
61-70	.0	.0	•0	.0	.0	•0	.0		•0	.0	.0	.0	•0	•0	•0
71-66	.0	.0	•0	.0	•0	.0	•0		•0	•0	٠٥.	.0	•0	.0	•0
87+	.0	.0	•0	.0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0
TOT PCT	•0	•0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0

		•-•	1043					1	DECEMBER	ı						
PER130:	1045	**46[)	1403-	4/1				TABLE	18 (60)	NT)			AREA		KARIMAT 85 107	A STRAIT
				PC	T FREQ	0F #IND	SPEED	(KTS)	AND DIR	RECTION	VERSUS S	SEA HEIG	HTS (FT)			
HGT	1+3	4-10	11-21	S 22-33	34-47	48+						Sw				
<1			11-51	.0	.0	•••	PÇT •C		1-3			22-33	34-47	48+	PCT	
1-2	.5	4.4	.0	.0	.0	.ŏ	4.4					•0	•0	.0	.0	
3-4	.0	2.2	.0	.0			2.2					•0	•0	.0	3.6	
5-0	.0	0	•6	.,	.0	.ŏ	.ċ		.0			•0	•0	• 0	3.3	
7	. 0	.0	20	.0	.0	.0			.0			.0	•0	•0	.6	
8-9	.0	.0	.0	.0		.0	.0		Ď			.0	•0	.0	•0	
10-11	.0	.0	9.	.0	.0	•0	.0		.0			.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	•0	.0		.0			.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0		.0			.0	•0	.0	•0	
17-19	. 0	.0	.0	.0	.0	•0	.0					٠٥	•0			
20-22	.c	.0	•C	.0	.0	.0	.0					.0	•0	ě	.0	
23-25	٠٥	.0	٠,	-0	.0	.0	.0		'n				.0	č		
26-32	.0	.0	•0	.0	.0	.0	.0		.0			•0	•0	.0	.0	
33-40	.0	.0	•0	.0	.0	.c	.0		.0			.0	.0	.ŏ	.0	
41-48	.0	.0	• ^	.0	.0	.0	.0		.0			.ŏ	.0		.0	
49-60	٠0	.0	• 0	.0	.0	•0	.0		.0			.0	.0	.0	.0	
61-70	.0	.0	• 0	.0	.0	.0	.0		.0			.5	٥٠	.0	ě	
71-86	.0	.0	•0	•0	.0	.0	.0					•0	•0	.0	.0	
87+	.0	.0	•0	.0	.0	•0	.0					.0	.0	.0	.ŏ	
TOT PCT	.c	6.7	• ^	•0	.0	•0	6.7		. 3	5.8		•0	•0	.0	7.5	
												NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	1.1	1.1	• 0	.0	.0	.0	2.2		.0			.0	.0		3.3	761
1-2	. 5	6.4	•0	.0	.0	•0	7.2		3.3			•0	• 5	.5	12.2	
3-4	.0	1.1	• ?	.0	.0	•0	1.1					.3	.5		11.7	
5-6	٠0		. 8	.0	.0	.0	1.7					.0	ěŏ	.5	2.2	
.7_	•0	.0	•0	-0	.0	-0	.0		.0		.0	•0	.0	.0	.0	
8-9	•0	.0	•0	•0	.0	•0	.0		•0		•0	•0	•0	.0	.0	
10-11	٠.	.0	• 0	•0	•0	•0	•0		•0	.0	•0	•0	.0	.0	•0	
12	٠,	.0	•0	•0	.0	•0	•0		.0		.0	•0	•0	.0	.0	
13-16	٠.	.0	• 0	•0	•0	•0	•0		•0			•0	•0	.0	.0	
17-19	.0	.0	•0	.0	.0	•0	•0		•0			•0	•0	.0	•0	
20-22	٠٥.	•0	•0	•0	-0	•0	•0		•0			•0	•0	-0	•0	
23-25	•0	.0	•0	•0	.0	•0	•0		.0			•0	•0	.0	•0	
20-32	•0	•0	•0	•0	.0	•0	•0		•?			•0	•0	.0	.0	
33-40 41-48	.0	.0	•0	•0	.0	•0	•0		.0			•0	•0	.0	.0	
49-60	.0	.0	•0	• 2	.0	•0	•0		•0			•0	•0	•0	•0	
61-70	.0	.0	•0	•0	.0	•0	•0		•0			•0	•0	.0	•0	
71-86	.0	.0	•0	•0	•0	• 0	•0		• 2			•0	•0	•0	•0	
87+	.0	.0	•5	•0	.0	•0	٥.		•0			•0	•0	•0	•0	
TOT PCT	1.9	9.4		.0	.0	.0	,,,0		••0			•0	•0	.0	.0	
		7.4	• 6		• 6	••	12.2		3.3	16,4	9.4	.3	•0	•0	29.4	83.3

	-IND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	19.6	6.5	.0	.0	.0	.0	26.1	OBS
1-2	6.5	31.5	5.4	ě		·ŏ	43.5	
3-4		15.2	8.7	1.1	.5	.0	25.0	
5-6		1.1	3.3	1.0		.0	4.3	
7	.5		1.1	.0	.0	.0		
8-9	.0	.0	·.c	.0	.0		1.1	
10-11	.5	.5		.0		.0	.0	
12	.0				•0	.0	.0	
13-16		•0	٠.	•0	.0	• • • •	•0	
	.0	•0	٥.	•0	•0	.0	.0	
17-19	•0	•0	٠.	•0	•0	.0	.0	
70-22	•0	.0	٠.	.0	.0	.0	.0	
73-25	•0	٠٥.	.c	.0	•0	.0	.0	
26-32	•0	•0	٠.	.0	.0	.0	.0	
33-40	٠٥.	•0	٠.	.6	.0	٠.	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-7C	.0	.0	.0	.0	.0	.0	.0	
71-86	•0	.0	.c	.0	.5	.0		
874	.0	.ŏ		ŏ		.0	:6	
		••	••	•0	••	•0	•0	
TET PET	26.1	54.3	18.5	1.1	.0	٠,	100.0	92

PERICO:	(PRIMARY)	1905-1973
	(DVER-ALL)	1854-1473

TABLE 1

AREA 0009 KARIMATA STRAIT 1,85 108.0E

DERCENT SPECHENCY	20	HEATHER.	DECHARENCE	 HIND	ATRECTION.

					-										
			p	RFCIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND CIR	RAIN	PAIN SMER	DRZL	PRZG PCPN	SNOW	DTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST Hour	THDR LTMG	FDG WD FCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLNG DUST RLNG SNOW	NO SIG WEA
N	5.4	5.2	2.0	.0	.0	.0	.0	13.0	1.3	2.5	.0	.0	.0		74.5
٧E	5.1	1.0	3.5	.0	.0	.0	.0	9.6	2.6	5.6	2.4	•0	•0	•0	80.2
E	1.9	2.0	2.7	.0	.0	.0	.0	6.4	2.5	4.4	. 1	.0	. 3	•0	86.9
ŞE	3.4	1.0	1.3	.0	.0	.0	.0	5.6	2.0	2.7	. 5	.0	. 9	•0	88.7
Š	3.6	1.4	.5	.0	.0	.0	.0	5.5	1.1	3.9	.1	.0	. 5	•0	89.5
Š.	9.7	5.1	3.5	.0	.0	.0	. 2	17.9	5.1	4.9	.0	.0	. 2	. 3	72.3
¥.	7.5	3.6	2.1		•0	.0	.0	13.1	5.2	2.9	.0		•0	_	78.7
Ñ#	8.9	4.0			.0	.ŏ		13.6	10.1	5.9	. 3	i			69.3
VAR	.0	.0	.0	.ŏ			.c		.0	.0	.6	٥	•0		.0
CALM	5.4	3.0			.0	.0	•0	10-1	.7	12.3	.0	ò	•0		76.8
TOT PCT TOT TBS:	4.0 3277	2.1	1.0	.0	•0	.0	•	7.2	2.7	4.7	• 6	•	.3	•	84.8

TARLE 2

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			9	RECIPI	TATIO	Y TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN SHWR	DA7L	FAZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR	FOG WO PCP4	FOG WO PCPN PAST HR	SACHS SSAH	SPRAY BLWG DUST BLWG SNOW	
00£03 06£09 12:15 .8£21	4.5 4.6 2.4 4.2	2.9 3.2 1.2 1.1	1.6	.0	•0	.0	.0 .0	8.9 8.9 4.3 6.2	4.0 3.1 1.1 2.0	1.3 .3 7.0 12.0	1.0	.0	•2 •3 •1	•0 •0 •0	85.1 86.6 87.2 79.5
TOT PCT TOT CBS:	3399	2.2	1.1	•0	•0	•0	•	7.3	2.6	4.9	.6	•	.3	•	84.6

#### TABLE 3

## PERCENTAGE PREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

HND DIR	0-3			22 <b>-3</b> 3		48+	TOTAL DBS	PCT FRFQ	SPD	90	03	06	HEUR 09	(GHT) 12	15	18	21
N	1.4	5.5	1.8	.1	•	•0		• •	6.7		10.4			8.8	7.6	6.8	8.5
ŅΕ	1.0	3.0		•	•0	•0		4.5	6.5	12.3	3.2			9.6	12.0		10.1
£ _	1.4	7.4	7.5	• 1	•0	•0		11.4	7.2			13.0					
SF	1.8	15.6	P.2	. 3	.0	.0		25.9	7.6	27.9	28.7			25.6		26.3	25.3
5	1.8	7.1	1.4	•	•0	.0		10.5	6.0	10.4	11.1	9.3	10.4	11.1	14.1	11.5	11.1
Sw	1.1	5.0	. 4		.0	.0		7.0	7.1	5.8	7.8	6.8	8.9	7.8	7.8	6.1	7.9
	1.4	4.1	٠.8	.:		.0		9.4	7.9	8.0	11.0	8.6	9.4	10.0	12.0	10.5	10.7
N=	1.5	9.8	3,2		•	.0		14.7	7.6	15.1	13.3	14.3	15.5	14.9	11.8	14.9	14.0
VAR	٠.5	.0	.0		.0	.0		.0	. 0	.0	.0	. 0	•0		.0		•0
TOT CES	7.8		-	_			8796	7.8	7.5	7.1 1521	134	7.3 2328	1007	8.5	106	10.0	9.5
TOT PCT	19.1	59.6	21.5	- 7	•	- 0		100.0	•-				100.0				100.5

## TABLE 3A

WND DIR	0-6	#IND 7-16		(KNCTS) 28-40	41+	TOTAL CBS	PCT FREQ	MEAN SPO	00 03	HBU# 06 09	(G#T) 12 15	18 21
N	4.0	4.5	.3	•	.0			6.7	9.0	9.7	8.7	7.3
NE	2.7	1.7	• 1	•0	٠.		4.5	6.5	4.4	5.2	3.8	4.0
€	4.8	6.1	. 5	•	٠.		11.4	7.2	12.5	12.7	9.7	9.7
<€	8.0	16.0	1.8	.1	.0		29.9	7.6	28.0	25.0	25.8	25.9
5	5.6	4.6	.3		.0		10.5	0.0	10.4	9.6	11.3	11.5
Sw	3.9	3.0	.2	.0	.0		7.0	7.1	5.9	7.4	7.8	4.9
	4.5	4.3		''	1		9.4	7.9	1,3	8.9	10.1	10.6
Ñ.	3.0	1.2	.6				14.7	7.6	14.9	14.7	14.7	14.5
				-	٠.							
VAR	.0	•0	•0	.0			0	٠.	.0		0	.0
CALM TO: DRS	7.8					8796	7.8	7:5	1655	3335	1576	2230
Tot 847	47 4			-	_		100 0		100 0	100 0	100 0	180 0

PERIJD: (PRIMARY) 1905-1973 (DVER-ALL) 1854-1973

TARLE 4

AREA 0009 KARIHATA STRAIT 1.85 108.0E

		PER	CENTAGE	FREQUE	NCY OF W	40 SPI	EED 84	HOUR	(GMT)	
ı	CALM	1-3	4-10	#1ND	SPEED (KA 22-33 3	OTS)	48+	MEAN	PCT FREQ	
	6.6	11.9	61.4	19.8	.3	•1	•0	7.5	100.0	

00£03 6.6 11.9 61.4 19.8 .3 .1 .0 7.5 100.0 1655 12615 8.0 11.4 59.2 21.5 1.0 .1 .0 7.7 100.0 3335 12615 8.0 11.4 58.8 21.1 .7 .0 .0 7.5 100.0 1576 16621 9.8 10.7 59.6 19.3 .7 .0 .0 7.2 100.0 2230 75 100.0 7.2 100.0 2230 75 100.0 75 100.0 1576 100.0 1576 100.0 1576 100.0 1576 100.0 1576 100.0 1576 100.0 1576 100.0 1576 100.0 1576 100.0 1576 100.0 1576 100.0 1576 100.0 1576 100.0 100.0 1576 100

TARLE 5

....

				_								Τ,	ABLE 6					
HND DIR	0-2		N 414	D D.REG	TICN	(EIGHTHS) MEAN			PERCEN	TAGE :	FREGUEN CCURPEN	CY OF	CEILIN	6 HE 1 G	HTS (	FT.NH :	4/8) N	
		3+4	5~7	nasčn	CBS	CDAES	149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH <5/8	
VAR CALM TOT CBS	1.1 2.0 4.6 1.4 .3 .7 1.0	1.0 .6 2.0 8.0 2.1 .8 1.3 2.7 .0 6	5.2 2.0 4.8 10.3 3.5 2.6 4.4 7.6 3.1	1.1 2.1 3.8 2.3 1.9 3.2	2084 100-0	5.0 5.7 4.9 5.6 5.5 6.1 5.7 6.2 .0 5.3	.0	200000000000000000000000000000000000000	***************************************	.8 .3 .5 1.6 .7 .5 1.1 1.0	1.2 .4 1.3 2.3 .7 .7 1.3 2.5	.5 .2 .7 1.2 .7 .6 .8 1.1	.3	••••••••	.0	01111000000	7.0 2.9 8.4 21.0 6.6 3.6 5.9 10.0	
- •		•••	-7.7	* * • 1	100.0		• 2	•1	1.5	7.1	11.5	6.0	1.9	•5	.3	,4	71.0	2084

TABLE 7

CEILING (FEET)	• JR >10	• CR >5	= GR >2	V\$BY (N) * PR >1	• DR >1/2	• GR >1/4	- OR >50YD	• DR >0
- TK >6500 - TK >5000 - TR >3500 - TH >2000 - TR >1000 - TR >1000 - TR >300 - TR >150 - TR > 0	.7 .8 2.2 7.2 16.3 21.2 22.1 22.2 22.2	.8 1.0 2.7 8.5 19.3 25.9 27.2 27.3 27.5	1.0 2.7 8,7 19,9 26,8 28.2 28.3 28.5	2.7 8.7 20.0 20.9 28.3 28.4 28.6	2.7 8.7 20.1 27.0 28.6 28.5	2.7 8.5 20.1 27.1 28.5 28.6	2.7 6.6 20.1 27.1 20.5	1.0 2.7 8.E 20.1 27.1 28.5 28.6

TOTAL SUMBER OF OBS: 2143 PCT FRED NH 45/8:

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

C 1 2 3 4 4 6 7 6 DBSCD TOTAL 185 3.5 13.3 21.3 19.9 13.0 7.9 7.4 5.7 8.0 .1 2315

PERIUD: (PRIMARY) 1905-1973 (UVER-ALL) 1854-1973

TABLE 0

AREA 0009 KARIHATA STRAIT 1.85 108.0E

		P	ERCENT	FREQ PRE(	OF WIN	D DIRE	CTION Th Var	VS DEC	URRENC ALUES	E OR N	ION-OC	CURRENC TY	E OF
VSBV (NH)		N	NE	E	\$8	s	Su	W	Nw	VAR	CALM	PCT	TOTAL
	PCP	.0	.0	.0	.0	.0	.0		.0	.0	.0	•	063
<1/2	NO PCP	.0	.0	.0		•0	.0	.0	.0	.0	.0	•	
	TOT %	•0	.0	.0	•	•0	•0	•	.0	.0	.0	.1	
	PCP	.0	.0	.0	.0	•0	•0			.0		.1	
1/2<1			•		. 2	•		.0	.1	.0	.0		
	TOT %	•	•	•	. 2		•	•	.2	.0	•	.6	
	PCP	•	.0		•	•		٠	•	.0	.0	.2	
1<5	NO PCP	••	.1	.0	. 1	• 1	•	•	•0	.0	.0		
	TOT %	•	.1		• 1	•1	•	.1	•	.0	.0	.5	
	PCP	. 1	•	.0	.1	•	• 1	.1	.1	.0	.0	, 5	
2<5	NO PCP	.2		.3	.3	• 2	• 2	. 2	. 2	.0	•1	1.6	
	TOT %	• 2	.1	.3	.4	• 2	. 3	.4	. 2	•0	•1	2.1	
	PCP	.4	.2	.3	.5	.3	. 3	.6	.6	.0	.1	3.4	
5<10	NO PCP	1.2	.5	1.3	5.8	1.7	1.2	2.0	2.0	.0	. 0	16.7	
	TOT %	1.6	.7	1.6	6.4	1.9	1.5	2.5	2.7	.0	1.0	20.0	
	PCP	. 3	. 2	.3	.5	•1	.4	,4	.6	.0	.1	3.0	
10+	NO POP	7.4	3,3	8.6	20.9	7.2	3.9	6.3	11.0	.0	5.0	73.0	
	TOT %	7.7	3.5	8.9	21.5	7.3	4.3	6.8	11.6	•0	5.1	76.7	
	TOT DBS												3269
	TOT PCT	9.6	4.4	10.9	28.6	9.6	6.7	9,8	14.7	• 2	6.2	100.0	

				PERCE	T FREQ WITH V	OF WI	ND DIR VALUE	ECTION S QF V	VS WI	ND SPE	ED		
V58Y (NM)	SPD KT\$	N	NE	£	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL GBS
<1/2	0-3 4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0			.ŏ		.ŏ	:ŏ		•1	
	22+ 101 %	.0	-0	•0	•0	•0	.0	.0	.0	.0		.0	
	101 4	.0	.0	•0	•1	•	.0	•	•	•0	•0	.2	
	0-3	.0	.0	•1	.0	.0	.0	.0		.0	•	.1	
1/2<1	4-10 11-21		.0	•0		•		.0	•	•0		•1	
	22+	.0	.0	•0	.1	.0	.0	.0	.1	.0		.2	
	TOT %	•	•	.1	ž	•		•	.1	.0		.0	
	0-3	.0			•		.0		.0	.0			
1<2	4-10		·	.0	. i		•	.1	.1	.0	•0	.1	
	11-21		.0		•	•	•	•	:0	.0		:1	
	22+	.0	.0	.0	.0	•0	.0	.0	.0	ŏ		.0	
	TOT \$	•	•1		. 1	•1	•	•1	-1	.0	•0	. 6	
	0-3	•		•1	.1	•	•		.1	.0	.1	.4	
2<5	4-10 11-21	.2		•1	.3	• 1	.1	.2	.1	.0		1.3	
	22+	.0	.0	•1	• 5			-1	•	.0		• •	
	TOT &	.3	.1	.3	.0 .5	.0	.0	.0	.0	.0	.1	2,1	
	0-3	.2	.2	•2	•2	.3	•1	.2	.2	.0		2.4	
5<10	4-10	.7	.;	.7	2.3	.9	.;	1.0	1.5	ö	••	1,4	
	11-21	.3	- 1	. 4	2.0	. 3	. 3	.5	1.5			4.4	
	22+	.0	.0		• 1	.0	.0		.0	.0		.1	
	TOT %	1.3	.6	1.3	4.6	1.5	1.3	1.8	2.1	.0	. 8	15.3	
	0-3	1.2		1.1	1.4	1.1		1.0	1.1	.0	6.7	15.1	
10+	4-10	5.2	2.4	6.5	13.5	5.6	3.4	4.6	8.5	.0		49.6	
	11-21	1.7	.3	2.1	7.3	1.2	• •	1.0	2.4	•0		16.3	
	TOT %	8.0	3.5	9.7	22.3		4.6	6.5	12.0	:0	6.7	81,3	
	OT ORS											-	5240
	OT PCT	9 3	4.2	11.4	27.7	9.8	4.2	8.8	14.7	.0	7.6	100.0	3240

PERIOD: (PRIMARY) 1905-1973 (OVER-ALL) 1854-1973

TABLE 10

AREA GOOD KARIHATA STRAIT 1.85 108.0E

# PERCENT FREQUENCY OF CFICING HEIGHTS (FEET-NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GHT)	000 149		300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	*000	TOTAL	NH <5/8 ANV HGT	
00603	.4	.0	1.5	7,4	12.0	6.3	2.2	.3	.3	.5	31.3	68.7	614
06609	. 2	.3	1.4	6.5	10.9	5.7	1.5	.0	.2	•1	26.8	73.2	617
12615	.0	•2	.4	5.0	٠ ب	4.0	1.6	.2	.6	.7	22.2	77.8	526
18621	.3	.0	1.7	7.3	10.4	7.4	1.2	.3	.3	.4	29.3	70.7	506
TOT	,	. 1	1.3	۸.۸	10.8	5.4	1.6	. 2	. 3	.4	27.4	72.4	2263

TABLE 11

TABLE 12

		PERCENT	FREQUENC	/ VSBY	(MM)	BY HOUR		CUMULAT					VSBY (NM) )>BY HOUR	
FOUR GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL UBS
E0300	.5	.2	.5	2.3	13.6	83.0	1255	60300	,4	2.6	10.7	21.6	67.7	586
90360	,1	.6	.5	1.7	14.9	82.3	1664	90360	•2	2.5	10.2	15.6	71.2	378
12615	•1	.7	1.0	3.1	16.4	78.7	1060	12615	•0	.6	6.7	17.5	75.8	495
18621	•1	.4	.4	1.6	17.5	80.1	1363	18621	, 3	2.0	11.1	19.9	49.0	484
TOT PCT	•2	.5	.6	2.1	15.5	81.1	5362 100.0	707 PCT	• 2	1.9	9.7	19.3	70.9	2143 100.0

				т	ARLE 13	•									TABL	E 14				
	PERC	ENT FRE	OUENC	Y JF P	ELATIVE	KUKI:	DITY BY	TEMP	*****			PERC	ENT FR	EQUENC	Y 0F W	IND DI	RECTIO	N BY T	. 4 <b>p</b>	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	DES	PCT	N	NE	E	3 E	\$	SW	W	NH	VAR	CALM
90/94	.0	.0	•0	•	.1 1.5	2	0	•0		4	•1	٠.	1.8	2.9	.0	.0	.0	•	.0	.0 .7
85/89 80/84 75/79	.0		.0	•0	1.2	32.0		7.3		9.2	7.4	3.4	8,2	24.3	8.1	4.5	7:1	11.0	.0	6.0
75/79 70/74 70TAL	.0		•0			1.0		3.0 .1	2204	9.4 .2 150.0	1.0	.7	:5	.0	. 5	•7	1.8	2.0	.0	.0
701AL	.0	.0	•0	. ;	2.8	38.9	47.8	10.4	6374	10010	9,5	4.5	10.6	28.8	9.8	5.7	9.3	14.7	.0	7.1

TARLE 15

	4EANS)	EXTREM	ES AND	PERCEN	TTLES I	OF TEM	1P 1DE	G F) B	Y HOUR		PERÇ	ENT FRE	SUENCA	OF RELA	TIVE H	YTEOSPH	BY HOUR	
HOUR (GMT)	MAX	992	95%	30%	5%	18	MIN	HEAN	TOTAL DBS	HOUR (GMT)	0-27	30+59	60-69	70-79	80-89	90-100	MEAN	TOTAL
£0300	95 95	67 91	85 86	82 83	78 79	75 76	72 70	81.6	1652 3296	00£03 00£09	.0	.0	1.5	32.0	55.0 35.6	11.5	82 79	617
12615	95	87	85	82 81	79 76	77 76	69 71	61.9 81.2	1581 2233	12615 18621	.0	.0	1.6	30.0	56.9		81 82 81	571 614
TOT	95	89	5.5	82	78	78	69	85.7	8762	TOT	0	3	71	963	1192	254	9.7	2483

AIR-SEA	69	72	77	81	85	89	>92	TOT	₩	WD
THP DIF	72	76	80	64	88	92			₽ĎG	FOG
11/13	.0	.0	.0	.0	.0	• 1		5	.0	.2
9/10	.0	.0	.0	.0		. 2	.1	10	.0	.4
7/8	.0	.0	.0	.:	.2	. 2	.1	17	.0	.6
	.0	.0	.0	. 1	. 2	. 2	.0	14	.0	.5
5		.0	.0	.5	.4	. 5	.0	35	.0	1.3
	.0	• 0	.0	. 5	1.0	. 2	.0	46	.0	1.7
3	.0	.0	.0	. 8	1.2	. 1	.0	60	.0	2.1
3 2 1 0	.0	.0	. 2	4.0	1.8		.0	169	.1	5.9
7	.0		.4	6.5	2.1		.0	254	• 1	9.1
ċ	.0	.0	1.7	17.6	1 6	.0		591	. 1	20.8
-i	.ŏ		2.3	15.2	1.4	.0		536	i.i	19.0
- ;	.0	.;	2.8	12.7	.2	.ŏ	.ŏ	449	٠.	15.8
-2 -3 -4	·ŏ		3.2	3,6		.0	.0	249	•0	8.9
-4		.1	2.5	3,5	::	ŏ		175	•	6.2
-5	٠.	:1	1.9	1.5	:i	.0	.ŏ	98	.ŏ	3.6
-6		. 2	1.1	1.4	.0		.0	49		1.7
	•0		1.1		.ŏ				.0	
-7/-8	•0	• 2	4 • 7	• 2		•0	•0	41		1.4
-9/-10	•	• 2	.2	•	.0	.0	.0	13	•0	• •
-11/-13	*		.0	•0	.0	.0	.0	2	•0	.1
TOTAL								2815		
PCT	.1	1.0	17.5	69.4	10.4	1.5	.2	100.0	.4	99.6

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)  NE  HGT 1-3 4-10 11-21 22-33 34-47 48+ PCT 1-3 4-10 11-21 22-33 34-47 48+  C1		(PRIMAR)	i.	854-197: PCT	FREQ C		AIR-SEA TMP DIF 11/13 9/10 7/8 6 5 4 3 2 1 0 -1 -2 -3 -4 -5 -6 -7/-8 -9/-0 2 11/-13 TCTAL PCT	Air-5 69 7 2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	EA T 74 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TAIL 1 AND R. 77 80 0.00 0.00 0.00 0.00 0.00 0.00 0.	81 84 .00 .1 .55 .58 4.07 17.62 12.7 33.5 17.62 12.7 3.5 69.4	7 OCCURNICAL 85 88 .0 .2 .2 .4 1.2 1.2 1.3 1.4 1.2 .0 .0 .0	89 92 .12 .22 .23 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	**************************************	22	TOT # # 1 10 17 14 14 14 14 14 14 14 14 14 14 14 14 14	00009 PRICI HG 00000000000000000000000000000000000	ı.
	<1 1-2	440000000000000000000000000000000000000	563000000000000000000000000000000000000	11-21 	22~33	34-47 •0	48+	PCT9 5.7 2.8 4.1 0 0 0 0 0 0 0						1-21	NE 22-33 .0 .0	34-47 -00 -00 -00 -00 -00 -00 -00 -00 -00 -0		000000000000000000000000000000000000000

									ANNUAL							
PERIOD:	COVE	R-ALL)	1963-1	973				TABLE	18 (CDN	T)			AKEA		S 108	A STRAIT
				PC	T FREO	OF WIND	SPEED	(KTS)	AND DER	ECTION 1	VERSUS S	SEA HEIG	HTS (FT	1		
			11-21	\$ 22-33			PCT		1-3	4-10	11-21	5w 22-33	34-47	48+	PCT	
HGT	1-3	4-10		.0	34-47 .0	48+	.9		.2		.0	.0	.0	.0	.8	
<1 1-2	.;	4.4	.0	.0	.0	.0	4.7				.2	.0	.0	.0	2.5	
3-4	.6	1.3	1.1	.0	.0	.0	2.3		.0			.0	٠٥	.0	1.1	
5-6	.0		7	.0	.0	.0	1.0		.0			٠٥	ŏ	.0		
77		.6	ž		.0	.0	2		ŏ				.0	ě	.6	
8-9	·ŏ	:ĭ	•0	.0	ň				ŏ			.ŏ	.0	.ŏ	ě	
10-11	.0		.0	ě					ŏ				ŏ	.0	.0	
12	ŏ		.0	.ŏ	.ŏ	.0	·ŏ		.0		ŏ	.0	iò	.0	.0	
13-16	.0	.õ	•0	.0	.0	.0	.0		.0		.0	.0	.0	.0	.0	
17-19	.0	.0	.0	, o	.0	.0	.0		,0		.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0				.0	.0	.0	.0	.0	
23-25	.0	.0	.0	. 0	.0	.0	.0		.0	0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0		.0	0	.0	•0	.0	.0	.0	
33-40	.0	.0	•0	.0	.0	.0	.0				.0	.0	•0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0		•0		.0	-0	•0	.0	.0	
49-60	.0	.0	•0	.0	.0	.0	.0		•0		.0	.0	•0	.0	.0	
61-70	.0	.0	•0	.0	.0	.0	.0		.0	• •0	.0	-0	•0	.0	.0	
71-86	.0	.0	•0	.0	.0	•0	.0		•0		.0	•0	•0	.0	.0	
87+	.0	.0	•0	.0	.0	. 2	•0		•0			•0	.0	•0	.0	
TOT PCT	.5	6.6	2.1	•0	•0	•0	9.2		,1	3.8	.6	•0	•0	.0	4.7	
				w								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	. 3	.5	•0	.0	.0	.0	.9		.2		.0	.0	•0	.0	1.3	
1-2	.4	3.4	• 5	.0	.0	.0	4.2		.7	5.6	1.5	.0	.0	.0	7.7	
3-4	. 1	1.5	.6	.0	.0	.0	2.3		.0	2.4	2.1	-1	•0	•0	4.6	
5-6	.0	.1	.3	.0	.0	.0	.4		•0			.1	•0	.0	1.0	
7	.0	.0	• 2	•0	•0	.0	•2		.c		.1	.0	•0	•0	.1	
8-9	.0	•0	•0	.0	.0	•0	•0		• ^		.0	•0	•0	.0	•0	
10-11	•0	٠.	•0	•0	•0	.0	•0		•0		•0	•0	•0	•0	.0	
12	•0	.0	•0	.0	•0	•0	•0		•0			.0	•0	•0	.0	
13 6	•0	.0	•0	.0	.0	.0	•0		.0			•0	•0	•0	.0	
17-19	. 3	.0	•0	.0	•0	.0	•0		• 9			.0	•0	.0	•0	
20-22	•0	.0	•0	.0	.0	•0	•0		•0				•0	.0	•0	
23-25	٥.	.0	•¢	.0	.0	•0	•0		•9			•0	• 0	.0	•0	
26-32	.0	.0	•0	.0	.0	•0	•0		•9			• 0	•0	.0	•0	
33-40	•0	.0	•0	.0	•0	.0	•0		• •			•0	•0	.0	.0	
41-46	•0	.0	•¢	.0	.0	.0	•0		• 9			•0	•0	•0	.0	
49-60 61-70	.0	.0	•0	.0	.0	.0	.0		.0			•0	•0	.0	.0	
71-86	.0	.5	•0	.0	.0	.6	•0					.0	.0	.0	.0	
87+	.ŏ	ĕ	•0	.0	.0	.0	•0					.0	.0	.0	,0	
TOT PCT		5.6	1.6	.0	.0	.0	8.0					.1	.0		14.6	92.6
		,,,,			•••	••	•••		•			••	• • •	•••		

	WIND	SPEED	(KTS)	V" SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	707 385
<1	12.9	3.7	.3	.0	.0	.0	18.9	085
1-2	2.9	36.2	6.9	ō	.0	,ŏ	46.1	
3-4	. 2	12.5	13.8	3	.0	.0	26.8	
5-6		.,,	5.5		.0	. 6	6.5	
7	.1	, i	1.3	ž	.0	.0	1.5	
8-9		i	.1	.0	.0	.0		
10-11				.0	.0	.0		
12		.0		.1	.0	.0	.i	
13-16	.ŏ	.0	.č	.0	·ŏ	.0		
17-19	٠ŏ	ŏ		ŏ	.0			
20-22	.ŏ	ŏ		ŏ	.0		.ŏ	
23-25		.0		.0		.ŏ	.0	
26-32	ě	.0	.0	ŏ	.0	.ŏ		
33-40	.0	.ŏ		ō	.0	.0		
41-48	.ŏ			ŏ	.0	ŏ		
49-60	.3	.0	.0	.0		.0		
61-70	,6	.0	.0	.0	.0	ŏ		
71-56	č	ŏ	.0		.0	ě		
874	.6	:0	č		.0	:0		
+/-	•0	•0	•0	.0	•0	.0	••	1485
TET PET	16.1	55.4	27.0	.7	.0	.0	100.0	1405

PERIJ	ים) יס	Em-all	) 194	9-1972	,				T	ABLE 1	.9											
					PFRCENT	FRE	<b>GUENCY</b>	OF 4	MAVE	HEIGH	IT (F	T) VS	MAVE I	PERIOD	ISECON	DS }						
PER 100 (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	:	12 1	3-16 1	7-19	20-22	23-2	20-3	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN
<6 6+7	6.5	31.3	23.1	5.7	1.3	.2	.0		.0	.0						.c	:0	:0	.0	.0	1288 254	3
8-9	.0	. 3	. 8	.7	.3	٠į	.0		.0	.1	.0	) ;(	(	۱. د	• •	.0	.0	.0	.9	.0	41 16	•
10=11 12=13	.0	.0	.2	•	.¢	.6			.0	•0	.0	) ;	• (	۱. د	٥. د	.0	.0	.0	:0	.0		•
>13 14DET	10.6	1.5	2.0		.2	.0 .1	.0	•	••	.0	.0					•0	:0	.0	.0	:0	271	6
POTAL	17.1	35.9	30.9	11.5	3.4	.7	1			•1					0 .0	.0	.0	.0	•0	.0	1883	3

PERIOD: (PRIMARY) 1905-1973		AREA 0009 KARIMATA STRAIT
(OVER-ALL) 185'-1973	TABLE 20	1.85 108.0E

			PERCE	NT FRE	OUENCY	OF 00	CURREN	CE OF	SEA TE	4P (DE	G F) B	Y MONTH	4	
SEA THP DEG F	JAN	#ER	MAR	APR	MAY	JUN	JÜL	AUG	SEP	OCT	NOV	DEC	ANN	ret
96+	•0	.0	• 0	٠٠	.0	• 0	.0	•0	•0	.0	.0	•0	0	•0
95/96	•0	• '	.0	•0	.0	•0	.0	.0	.0	•0	.0	.0	0	•0
93/94	•0	• ^	• >	•0	•0	.0	• 0	.0	•0	• 0	.0	•0	0	.0
91/92	•0	•0	• 0	• 0	•0	•0	•0	.0	•0	•0	•0	. •0	. 0	•0
89/90	•0	•0	• 0	?		5.0	.•0	• 1	.0	. • 3	• 1	.0	19	2
87/88	3.3	• •	• ?	8.1 27.6	7.9	23.8	1.3	3.8		1.0	. 7	. 8 8.3	185	2.3
85/86 83/84	19.2	21.4	8.1		36.9	44.8	9.4	18.9	27.1	13.7	14.8		1060 2774	13.1
81/84 81/82	45.1	48.8	36.7 40.4	41.2	*1.9	23.9	34.0 47.2	62.8	52.6	39.0	48.4	38.2 42.9	3195	34.1
79/60	23.3	17.0	12.4	2.7	11.0	1.6	6.7	12.0	12.1	5.0	5.7	5.8	724	5.9
77/78	4.5	4.8	2.0	4	.3	.3	,	1.7	2.4	0	•6	2.2	135	1.7
75/76	7.6	1.2	•0	ď	.5	.0			.5	.5	.0	2	50	••2
73/74	.0	2	• 2		.0	·ŏ	ó		•0	.0	.0	::	5	.1
71/72	.0	, c	• •	•0	·ŏ	.0	ň	٥	•0	•0	.0		ó	ò
49,70	.ñ	.0	.5	.0	.ŏ	.0	.0	.0	ě	•0		·ŏ	ŏ	.5
67/68	.0	ě		.5		•0	.0	.0	• 6	•5	ŏ		ŏ	·ŏ
65/66		.0		.0	.5	.0	ň	.0	• • •	• 6	ě	.0	ŏ	
63/64		. 0	.0	.0	·õ	.0		•0	• 0	•5	.0	.0	ŏ	.0
61/62	.0	. 0	.0	.0	.0	.ŏ	.0	.0	.0	.0		.0	ŏ	.0
59/60		.0	.0	.0	.0	.0	.0	.0	• 2	•0	.0	.0	ŏ	.0
57/58	.0	.0	. 0	•0	.0	•0	.0	.0	.0	• 0	.0	ō	ō	• 0
55/56	• 0	.0	.0	• 0	.0	.5	.0	.0	.0	•0	.0	.0	ō	•0
53/54	.0	.0	.0	• 0	.0	• 0	.0	.0	•0	•0	. 5	.0	ō	•0
51/52	. 6	.0	- 0	.0	.0	•0	.0	.0	•0	.0	. 0	.0	Ó	•0
49/50	.0	.0	.0	.0	.0	.0	.0	.0	•0	. 5	.0	.0	ō	•0
47/48	.0	.0	.0	•0	.0	. 3	.0	.0	•0	.0	. 5	.0	Ó	•0
45/46	.0	.0	.0	.0	.0	.0	•0	.0	•0	.0	.0	•0	0	.0
43/44	• ?	.c	.0	.0	.0	•0	• 0	.0	•0	• 0	.0	.0	0	-0
41/42	•0	.0		.0	.0	•0	•0	.0	•0	•0	.0	.0	0	•0
39/40	•0	.0	• 0	•0	• 0	•0	•0	• C	•0	• 0	.0	.0	٥	•0
37/38	•0	.0	.0	•0	•0	•0	• 2	.0	•0	• 0	.0	•0	0	.0
35/36	.0	.0	• 0	•0	.0	.0	• 0	.0	•0	• 0	•0	.0	0	.0
33/34	•0	.0	.0	•0	.0	• 0	•0	•0	•0	• 5	•0	•0	0	•0
31/32	•0	.0	• 2	.0	.0	.0	.0	•0	•0	•0	.0	•0	0	.0
29/30	•0	.0	• ?	• 0	.0	•0	•0	.0	• 0	•0	.0	.0	0	-0
27/28	•0	• 0	• ၁	.0	.0	•0	•0	•0	•0	•0	•0	•0	٥	•0
<27	.0	.0	•0	.0	.0	•0	•0	.c	•0	•0	-0	.0	. 0	•0
JATET	627	580	663	695	610	707	692	782	745	681	690	636	8116	100.0
YEAN	81.3	81.4	82.2	63.8	84.2	83.6	82.5	81.8	81.9	82.8	83.0	82.3	82.5	

TABLE 21 PRESSURE (MB) JATEL 280 0000 0300 1800 2100 MEAN LEAR YALLERT VONS 1010 1010 1010 1010 1010 1010 1011 1010 1010 1010 714 1010 1010 1010 1009 1010 1010 1010 1009 1009 1010 1005 243 278 319 282 330 318 330 277 317 289 2313 PERCENTILES 50% 75% 18 25% 95% HC JAR HAR YALIGE TOUCH THE SET VICE TO THE SE MIN MAX 1706 1705 1006 1005 1006 1006 1006 1006 1006 1012 1012 1012 1012 1013 1013 1013 1014 1014 1014 1014 1014 1015 1015 1016 

AREA 0010 SQUTHWEST JAVA SEA

(OVER-ALL		-1473						TABLE	1				5.55	108.8E	
				,	ERCEN	T FREQU	ENCA B	F WEATHER	DCCURRENCE	BY WI	ND DIR	ECTION			
				RECIPI	TATIO	N TYPE					STHER	WEATHER	PHEND	HENA	
HND DIR	RAIN	RAIN RKHZ	DAZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HBUR	THOR	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
N	6.3	12.7	.0	.0	.0		•0	19.0	4.8	12.7	.0	.0	.0	•0	63.5
NE	30.0	٠,	.0	٠.	.0		٠.	90.0	•0	••	•0	• 0	•0	.0	70.0
Ę_	20.0	.0	.0	.0	.0	0	.0	20.0 2 <b>8.6</b>	.0	14.3	.0	.0	•0	.0	66.7
ŠF S	28.5 5.1	20.3	5.1	:0	.0		.0	30.4	.0	7.6	.0	.ö	•0	.ŏ	67.1
Šu	21.8	3.6	3.0	.0	.0		:0	29.1	3.6	5.5	3.6	ŏ	1.8	ě	61.8
¥"	11.5	10.9	3.0	.0	.ŏ			28.5	.0	5.2	2.6	.0	.,5	.0	65.9
Ñъ	7.7	10.3	1.1	.ŏ	.ŏ	.ŏ		19.1	. 3	4.6		ō	•0	.0	76.0
VAR	.0			.ŏ	.0		.č	.0	•0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	12.5	.0	.0		.0	12.5	•0	٠.	.0	•0	•0	•0	87.5
TOT PCT TOT CSS:	11.3 263	12.0	1.4	.0	.0	.0	.0	24.7	.7	5.7	1.4	.0	••	•0	69.6

					P	ERCENT	FREQUE	NCA DE ME	ATMER DECOR	RENCE	BY 480	K			
			•	RECIPI	TATIG	N TYPE					OTHER	WEATHER	PHEND	HENA	
HOUR (GMT)	RAIN	RAIN	DR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OF TIME	PCPN PAST HOUR	THDR LTNG	FBG HB PCPN	FDG MB PCPN PAST HR	SHOKE	SPRAY BLHG DUST RLHG SNDH	
00603 06609 12615 18621	10.0 8.9 11.6 17.6	11.7 15.2 7.2 12.1	.0 2.5 1.4 1.1	.0	.0	.0	.0 .0	21.7 26.6 20.3 30.8	1.7 1.3 .0	3.3 .0 7.2 12.1	1.7 .0 .0 3.3	.0	1.7 .0 .0	•0	70.0 72.2 73.9 62.6
TOT PCT TOT CBS:	12.4	11.7	1.3	.0	٠.	•0	•0	25.4	.7	<b>6.</b> ₽	1.3	•0	.3	•0	69.2

TABLE 3 PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		<b>#1</b> 1	ID SPEI	EC (KN	075)								HOUR	(GMT)			
WND DIR	0-3				34-47	48+	TOTAL 035	PCT FRFQ	MEAN SPD	00	03	06	09	12	15	18	57
N	1.2	3.2	.6	.4	.0	.0		5.4	7.6	3.5	.0	5.0	6.1	8.8	•0		2.7
NE	.7	1.5	. 1	.0	•0	.0		2.2	6.5	1.0	•0	.9	3.0	4.3	•0	3.4	. 5
E	.9	1.4	٠.,	.0	•0	.0		2.3	5.2	1.5	.0	1.4	3.0	3.1	.0	4.3	. 7
ŠE	1.2	2.1	.0	.0		.0		3.3	4,6	4.5	.0	.5	1.5	2.7	.0	5.6	5.5
•	1.2	4.9	.0	ŏ		.0		6.1	5.7	7.4	.0	2.7	.5	4.3	12.5	8.8	12.3
ž.,								8.9	7.2	13.4	8.3	5.7	3.0	5.5	20.8	10.1	15.0
Sw	1.6	5.5	1.8		•0	•0											
Ħ	3.9	18.2	12.5	1.5	.1	.0		36.3	10.2	37.6	50.0	42.0	40.4	28.5	37.5	29.7	40 • 5
Nw	1.9	14.0	12.5	2.1	. 4	.0		30.9	11.4	27.2	41.7	34.5	40.4	40.4	29.2	24.4	17.3
VAR	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	•0	.0	.0	•0
CALM	4.5		-			-		4.5	.0	4.0	.0	7.3	2.0	2.3	•0	6.9	5.5
TOT CBS	117	347	188	27	3	Ó	682		9.0	101	ě	110	99	128	12	116	110
TOT BCT	17.2	50.9	27.4	4.0	_	- 0	•••	100.0			100.0					100.0	

TABLE 3A HOUR (GMT)
00 06 12 18
03 09 15 21

3.3 5.5 8.0 4.8
.9 1.9 3.9 2.0
1.4 2.2 2.9 2.7
4.2 1.0 2.5 5.5
7.0 1.7 5.0 10.5
13.1 4.4 6.8 12.5
38.3 41.3 29.3 35.0
28.0 37.3 39.5 20.9
.0 .0 .0 .0
3.7 4.8 2.1 6.2
107 209 1.0 226
100.0 100.0 100.0 PCT FREQ 5.4 2.2 2.3 3.3 6.1 8.9 36.3 30.9 4.5 WND DIR MEAN \$PD 7.6 6.5 5.2 4.6 5.7 2 10.2 11.4 NEEES SWW NAW VAR CALM TOT GRS 2.7 1.0 1.7 2.7 4.1 5.1 11.4 6.2 .0 4.5 283 41.5 2.3 1.1 .6 2.0 3.6 18.9 16.5 .0 .1 .0 .0 .3 5.6 5.5 .0 00000000 

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PERIOD: (PRIMARY) 1912-1973 (OVER-ALL) 1856-1973

THE SECTION ASSESSMENT OF THE PROPERTY OF THE

TABLE 4

AREA 0010 SDUTHWEST JAVA SEA 5.55 108.86

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

				WIND	SPEED (	KN9TS}			PCT	TOTAL
HBUK	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FREQ	385
60300	3.7	15.9	43.9	32.7	1.9	1.9	.0	9.2	100.0	107
€0360	4.8	10.5	46.9	34.0	3.3	.5	.0	9.7	100.0	209
12615	2.1	11.4	55.7	24.3	6.4	.0	.0	9.2	100.0	140
18621	6.2	13.7	54.9	21.2	4.0	•0	.0	8.2	100.0	226
101	31	86	347	188	27	3	0	9.0		682
PCT	4.5	12.6	50.9	27.6	4.0	. 4	.0		100.0	

TABLE 5

-.-.-

p	CT FRE			TLOUD A		(EIGHTHS)		ı						S BY H				
AIC GNA	0-2	3-4	5-7	8 <b>6</b> 785CD	TOTAL CBS	CLOUD COVER	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 79 <b>99</b>	8000+	NH 45/8 ANY HGT	
N	1.5	1,5	2.6	1.1		5.0	•0	.0	.0	1.1	.0	.0	.0	•0	.0	. 9	5.6	
NE	.0	.0	.0	•:		• 0	•0	• 0	.0	.0	.0	.0	.0	•0	•0	.0	•0	
£		.0	.0	•0		• 5	•0	• 0	٠,	.0	.0	.0	.0	•0	•0	.0	•0	
ŠE			.0	•6		.0	•0	• 0	.0	.0	.0	• 0	.0	•0	.0	.0	.0	
Š		.0	2.6	1.1		7.3	•0	•0	.0	• 0	1.5	1.1	.0	• 0	.0	.0	1.1	
×2	.0	3.0	3.7	7.8		6.8	•0	• 0	. C	3.0	4.5	. 4	.0	•0	•0	.0	6.7	
	2.6	5.6	14.9	13.1		6.3	•0	•0	3.0	6.0	4.5	4.1	.0	•0	•0	.0	18.7	
Ÿ#	1.9	4.9	23.9	8 . 2		6.2	•0	•0	1.5	. 4	3.0	9.3	.0	•0	•0	.0	24.6	
VAR	.0	.0	.0	• 0		• 5	•0	.0	.0	.0	.0	•0	.0	•0	•0	.0	•0	
CALM	.5	•0	•0	•0		•5	•0	•0	.0	.0	.0	• 0	.0	•0	•0	.0	•0	
TOT 385	٠,	iñ	32	21	67	6.3	Ö	٠,	` <b>3</b>	7	9	10	0	0	Õ	Ö	38	67
TOT DET	6.6	14.0	47.8	31.2	100.0		-0	-0	4.5	10.6	13-4	14.0	-0	•0	40	-0	56.7	100.0

TABLE 7

**** ** ATTUE BET E	DEA 00	PTMIN TANEANS	Dec. Berner
CUMULATIVE PCT F	HEE HE	-1-APE I WILERANZ	UCCORRENCE
BF CEILING HEI	CHT /NH	LAZAL AND V	

				VSBY (NH	13			
CEILING	- CR	• JR	● DR	• nr	• DR	■ <b>3</b> ₹	• OR	• SR
(FEFT)	>10	>5	>2	11	>1/2	>1/4	>5040	>0
• DR >6500	.0	.0	.0	.0	.0	.0	.0	.0
<ul><li>€R &gt;5000</li></ul>	.0	•0	.0	.0	.0	.0	•0	.0
<ul> <li>DR &gt;3500</li> </ul>	.0	.0	.0	.0	.0	.0	•0	.0
■ OR >2000	13.4	14.9	14.9	14.9	14.9	14.9	14.9	14.9
· C >1000	20.9	28.4	28.4	28.4	28.4	28.4	28.4	28.4
■ DR >600	28.4	37.3	38.8	38.8	38.8	36.8	38.8	38,8
■ TR >300	29.9	40.3	41.8	41.8	41.8	43.3	43.3	43.3
■ DR >150	29.9	40.3	41.0	41.6	41.8	43.3	43.3	43.3
■ TR > 0	29.9	40.3	41.8	41.8	41.8	43.3	43.3	43.3
TOTAL	20	27	28	78	28	29	29	29

TOTAL NUMBER OF OBS: 67 PCT FREQ NH <5/8: 56.7

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 085C0 TOTAL 085 .0 8.3 15.5 14.3 19.0 8.3 3.6 17.9 13.1 .0 84

								J	NUARY						
PERIJD: (PRI (OVE	MARY) 1: R-ALL) 1:							TA	BLE 8				ARE	1 0010	SOUTHWEST JAVA SEA 5.55 108.8E
			P	FRCENT	FRED PREC	OF WIN	D DIRE	CTION Th lar	VS DC(	URRENC VALUES	F OR N	IBILI	CURRENC TY	E OF	
	VSBV (NM)		٨	NE	E	SE	s	S¥	W	NW	VAR	CALM	PCT	TOTAL	
	<1/2	PCP NO PCP TOT %	.0	.5	.0	.0	•0	•0	.0	•0	.0	.0	.6	•••	
	1/2<1	PCP NO PCP	.0	.0	•0	.0	•0	.4	.0	•0	.0	•0	••		
		TOT % PCP	.c	.0	•0	.0	•0	• 5	.2	•0	.0	•0	;7		
	1<2	NO PCP TOT \$	0	.0	.0	.0	•0	•2	.5	•0	••	•0	1.3		
	2<5	PCP NO PUP TOT %	.0	•0	.0	• •	•0	.4	.0 1.4 1.4	.4	.0	•0	1.4		
		PCP	.4	.0	•0	.4	2.1	1.1	6.4	4.7	••	.0	3.2		
	5<15	NU PLP TOT 1	2.7	1,1	.5	2.3	1.6 3.7	3.9	11.0 17.5	8.2 12.9	.0	1 • 8 2 • 1	30.4		
	10+	PCP ND PCP TOT %	2.4 2.6	.°7	.0	:4:7	3.1 3.1	3.9 4.8	3.4 14.0 17.4	16.9 17.8	•0	•0 •7 •7	5.7 42.4 48.1		

TABLE 9 V55Y (44) 5 W .00000 031104 011103 06107 ...... 00000 00000 00000 01001 .0 .1 .0 .1 .0 .1 .0 .1 .5 .2 .6 14.3 -1/2 J-3 +-10 11-21 22+ TOT % 0-3 4-10 11-21 22+ TOT % 1/2<1 ...... 00000 00000 00000 1<2 0-3 4-10 11-21 22+ TOT % 2<5 5<10 9-3 4-10 11-21 22+ 101 % 2.3 0-3 4-10 11-21 22+ TGT \$ .3 .3 .0 2.5 .7 10.9 7.6 20.0 .0 1.4 .0 .0 1.9 .0 .0 1.6 2.5 .6 .0 1.2 9.4 9.4 1.7 21.7 .0 TOT UBS 1.5 3.2 5,6 9.1 37.0 33.1

JANUARY

PERICD:	(PRIHARY)	1912-1973
	INVER-ALL Y	1464-1072

TABLE 10

AREA 0010 SOUTHWEST JAVA SEA 5.55 108.8E

PERCENT	FREQUENCY DE	HEIGHTS	>4/8)	AND

HOUR (GMT)	000 149	150 299	300 599	999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 AN/ HGT	TOTAL OBS
E0300	.0	•0	•0	4.5	13.6	9.1	.0	.0	.0	•0	27.3	72.7	22
90360	.0	•0	9.5	9.5	4.8	19.0	.0	.0	٠,	•0	42.9	57.1	21
12615	.0	.0	5.3	5.3	20.3	10.5	.0	.0	.0	•0	47.4	52.6	19
18621	.0	.0	•0	20.0	.0	13.3	.0	.0	.0	•0	33.3	66.7	15
TOT	0	0	3	7	,, 9	10	0	0	0	0	29	48	77

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VS81	( (NM )	6Y MDUR		CUMULAT					VSBY (NH)	
HOUR (GHT)	<1/2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TOTAL OBS</th> <th>HOUR (GMT)</th> <th>&lt;150 &lt;50YD</th> <th>&lt;600 &lt;1</th> <th>&lt;1000 &lt;5</th> <th>1000+ AND5+</th> <th>NH &lt;5/8 AND 5+</th> <th>TOTAL DBS</th>	2<5	5<10	10+	TOTAL OBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
60300	.0	2.8	1.4	5.6	30.6	59.7	72	E0300	•0	•0	10.5	26.3	63.2	19
06609	2.8	.0	.0	1.9	35.8	59.4	106	90360	•0	11-1	22.2	27.8	50.0	18
12615	•0	.0	2,4	6.0	33.7	57.8	63	12615	.0	5.6	11.1	38,9	50.0	18
18821	•0	.0	1.7	1.7	48.3	48.3	116	18221	•0	•0	25.0	16.7	58.3	12
TOT PCT		.5	1.3	13 3.4	145 38.3	211 55.7	379 100.0	TOT PCT	.0	4.5	11	19 28.4	37 55.2	67 100.0

TARLE 13

TABLE 14

				,	ANLP 1	,									FABL	E 14				
	PERC	ENT PR	EQUENC	Y DF A	ELATIV	E HUMI	DITY 5	Y TEMP	TOTAL	PCT		PERC	ENT FR	EQUENC	Y 0# W	IND DI	RECTIO	N BY T	EMP	
TEMP .	0-29	30-39	40-49	50-59	60-6	70-79	80-89	90-100		FREQ	•	٩E	E	SE	S	Sw	Ħ	NW	VAR	CALM
90/94	.0		.0	• 0		1.0	.0	.0	2	1.0	.0 .5	.0	.0	.0	:0	.0 .5 3.5	.5 1.3 23.2	1.8	•0	.0
85/89	•0	.0				1.5	43.2	9.5	10	3.0	.5	.0	. 5	.0	.0	.5	1.3	1.8	•0	.5 2.5
80/84	۰.	•0	• •0	• 0	5	18.6	43.2	9.5	143	71.9	4,9	1.3	.5	3.0	5.4	3.5	23.2	27.5	.0	2.5
75/79	.0	٠,٥	.0	•0				8.0	44	22.1	.9	.0	.0	. 5	1.5	5.3	9.5	3.9	.0	.5
TOTAL	٥	0	• •		3	43	115	38	144	100.0										
PCT	.0	.0	• • •	•0	1.5	21.6	57.8	19.1			6.3	1.3	1.0	3.5	6.9	9.3	34.5	33.7	•0	3.5

TABLE 15

	MEANS,	EXTREM	5 AND	PERCEN	ITILES	OF TE	MP (DE	G F) 8	Y HOUR		PER(	ENT FRE	BUENCA	OF RELA	TIVE H	ALIGIME	BA HORI	2
HOUR	MAX	99%	95%	50%	5%	1*	MIN	MEAN	TOTAL OBS	HQUR (GHT)	0-29	30-57	60-69	70-79	80-89	90-100	MEAN	TOTAL
0LE03 06609 12615 18621 TOT	89 91 86 87 91	87 90 85 85 87	84 86 84 83 85	81 82 82 81 61	77 79 78 77 77	76 76 74 74 73	76 74 71 72 71	80.9 82.3 81.4 80.3 81.2	108 202 142 234 686	00003 06209 12015 18021 TOT	•••	••••	3.5 .0 1.4	15.0 35.1 23.9 11.1	62.5 49.1 58.7 62.5	22.5 12.3 17.4 25.0 42	85 82 84 87 85	90 97 96 72 215

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PERIOD: ^R!MARY) 1912+1973 (OVER-ALL) 1856-1973

TABLE 17

AREA 0010 SOUTHWEST JAVA SEA 5.55 108.8E

PCT FRED OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	61	85	89	TOT	×	¥0
THP DIF	76	80	84	88	92		FDG	FOG
7/8	.0	•0	.0	.0	.9	2	•0	.9
5	.0	.0	.0	, n	. 4	1	•0	.4
3	.0	.0	. 9	, 9	.0	4	.0	1.8
3	.0	.0	1.3	, 9	.0	5	.0	2.2
ī	.0	• 0	8.5	1.8	.0	23	• 0	10.3
ŏ	.0	4.5	13.5	2.2	.0	45	.0	20.2
1 0 -1	.0	3.1	15.2	. 4	.0	42	.0	18.8
-2	. 0	9.9	9.9	. 0	.0	46	• 0	20.6
-3	. 9	4.0	2.7	.0	.0	17	. 4	7.2
-4	.0	6.3	3.1	. 0	.0	21	• 0	9.4
-5		2.2	1.8	.0	.0	10	•0	4.5
-6	1.8	.9		.0	.0	6	.0	2.7
-7/-8	.0	.4	. 0	0	.0	ĭ	•0	- 4
TOTAL	9	• •	127	• -	`à	•	ĭ	222
		70		14		223		
PCT	4.0		57.0	6.3	1.3	100.0	.4	99.6

PERIOD: (OVER-ALL) 1963-1973

				PC	T FRED	OF WIND	SPEED	(KTS) AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT)		
				N		48•		1-3	4-10		NE	34-47	48+	PCT
HGT	1-3	4-10	11-21	22-33	34-47		PCT 1.7			11-21	22-33			
<1	•0	1.7	•0	.0	.0	•0		•0	•0	.0	.0	•0	•0	•0
1-2	.0	.0	• 0	.0	• 2	•0	.0	• •	•0	.0	.0	•0	•0	•0
3-4	•0	.0	•0	•0	.0	•0	•0	•0	.0	•0	•0	•0	•0	•0
5-6	• 0	•0	• 0	• ?	.0	•0	•0	•0	•0	.0	•0	•0	•0	•0
7 8-9	.0	.0	•0	.0	.0	.0	.0	•0		.0	.0	•0	.0	.ŏ
10-11	.0	.0		.0	.0	.0	• 0	•0	.0	.0	.0	.0	.0	.0
12		٠.	•0	.0	.0		•0	.0	.0	.0		.0	.0	.ŏ
13-16	.0		•0	.0	.0	.0	•0	.0	.0	.0	.0	•0	.ŏ	.0
17-19	š	.,	.0	.0		.0	.0	, o	.0	.0	.0		.0	.0
20-22	č	.0	.0		.0	•0	.0	.0			.0	•0	.0	č
23-25					.5	•0		.0	.0		.0	.0	.0	٠٥
26-32	ě		•6		:6	.0	.0	.0	ŏ		.0	•0	.0	ŏ
33-40	č	.0	• • • • • • • • • • • • • • • • • • • •	.0	.5	.0	.0	ő	٠٥		.0	•0	.0	ě
41-48		.0	.0	.0	.0	.0	•0	.2	.0	.ŏ	.0	•0		.0
49-60	.č		2.		.0	.0	.0	ó	ě	.0	.0	.0	.ŏ	.0
61-70		.ŏ	•0		.0	.0		.0	.0		.0		.0	.0
71-86	.0		•0	:0	č	.0	.0	.0	.0	ě	.ŏ		.0	.0
87+	.0	ě	.0	.0	.0		•0	ŏ	.0		•	.0	.ŏ	.0
TOT PCT	č	1.7	•0	.õ	.0	.0	1.7	.0	.0	.0		.0		.0
	••	•••	••	••	••	•••	•••	••	•••	••	•••	•••	••	••
				-										
HGT	1-3	4-10	11-2,	E 22-33	34-47	48+	PCT	1-3	4-10	11-21	SE 22-33	34-47	48+	PCT
<1	•.6	.0	•0	.0	.0	•0		• 0	•0		.0	•0	.0	.0
1-2		.ŏ	.0	:0		.ŏ		.0				.0	.ŏ	ĕ
3-4	.5		•0	.ŏ	.0			.0	ō	.ŏ	:0	.0		ěŏ
5-6			.0		.0		.0	.0	ŏ	.ŏ	.0	.0		.0
ñ	,0	.ŏ	.0			.0		. 0	ŏ	.ŏ	.0	.0		.0
8-9		.0	.0		.0	.0	.0	ò	.0	.0		•0		.0
10-11		.0	•0	.ŏ	.0		.0	.0	.0	.0		.0	.0	.0
12	·ò	.0	•0	.0	·ŏ	.0	.ŏ	ő	ō	.0		.0	.0	.0
13-16	.0		.č	.ŏ		.0	.0	.0	.0	.ŏ	.0	.0		•0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	•0
23-25	. 0	.ŏ	•0	.0	.0	•0		.0	ō	.0	.0	ŏ	.0	.0
26-32	.0	.0	•0	.0	.0		.0	.0	ò	.0	.0	.0	•0	•0
33-40	.0	.0	.0	.0	ě	.0	ŏ	ò	iõ	, ŏ	.0	.0		.0
41-48	.0	.0	•0	.0	.0	•0	.0	.0	.0	. 6	.0	•0	.0	.0
49-60	.0	.0	•0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.õ	
71-86	.0	.ŏ	.0	.0		• 0	•0	.0	.0	ŏ	.0	•0	.0	.0
87-	. 0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0
TOT PCT	.0	.0	•0	.0	.0	•0	.0	.0	•0	.0	.0	•0	.0	.0
•											- •			

PERIO	D: (0V)	ER-ALL)	1963-	1973					JANUARY							
								TABLE	18 (CON1	• •			AREA	0010	\$80THW \$3 10	EST JAVA SEA B.Be
				•	CT FREQ	OF WIND	SPEED	(KTS)	AND DIRE	CTION	VER5US	SEA HEI	GHTS (FT	1	-	
HGT	1-3	4-10	11-21	5 22-33	34-47	48+	PCT					SW				
<1	2.3	.0	.0		.0	.0	2.3		1-3 2.3	4-10	11-21	22-33		48+	PET	
1-2 3-4	.0	1.7	•0	•0	.0	.0	1.7		.0		0	.0	•0	.0	4.5	
	.0	.0	•0		.0	.0	ö		2.3	2.5	2.3	.0	•0	.0	5.1	
5-0	.0	.0	•0	•0	.0	.0				.0	2,0	•0	•0	٠.	5.1	
7 8-9	•0	.0	•0	•0	۰0	.0	.0		.0	2.3	•0	•0	•0	.0	.0	
10-11	.0	.0	•0	• 0	.0	.0	.õ		.0	.0	•0	.0	•0	.0	2.3	
12	.0	.0	•0	•0	.0	.0	.0		.0	•0	.0	٠0	•0	.0	.0	
13-16	•0	.0	•0	•0	.0	.0			.0	:0	.0	.0	•0	.0	.0	
17-19	•0	.0	•0	•0	.0	.0	.0		ň	.0	.0	.0	•0	.0	.0	
20-22	• 0	.0	•0	• 0	.0	. 0	.0		•0	.0	.0	•0	•0	.0	.0	
23-25	.0	.0	•0	•0	.0	.0	.0		.0	ě	.0	٠0	•0	.0	.0	
26-32	.0	.0	•0	•0	.0	.0	.0		ě	ě	•0	٠0	•0	.0	.0	
33-40	•0	.0	•0	•0	.0	.0	.0		.ŏ	.0	.0	٠0	•0	.0	.0	
41-48	.0	.0	•0	•0	,0	.0	.0		.0	.0	•0	•0	•0	.0	•0	
49-60	.0	.0	• 0	•0	.0	.0	.0		.0	.0	.0	•0	•0	.0	.0	
61-70	.0	.0	• 0	•0	.0	.0	.0		ŏ		•0	٠0	•0	•0	.0	
71-66		.0	•0	•0	.0	.0	.0		.0	ò	.0	.0	•0	.0	.0	
87+	.0	.0	•0	•0	.0	.0	.0		i	.0	.0	.0	•0	.0	•0	
TOT PCT		0	•0	•0	.0	.0	.0		ň	.0		.0	•0	.0	.0	
iui PÇi	2.3	1.7	•0	•0	.0	.0	4.0		4.5	7.4	5.1	.0	•0	.0	.0	
									-40		3.1	•0	•0	•0	17.0	
HGT	1-3	4-10	11-21	W 22-33								NW				
<1	.0	1.7	.0		34-47	484	PCT		1-3	4-10	11-21	22-33	34-47	48+		TOTAL
1-2	2.3	6.3	4.5	•0	.0	.0	1.7		40	5,7	.0	.0	•0		PCT	PCT
3-4	0		5.7	•0	.0	٠,	13.1		2,3	5.1	4.5	.0		•0	5.7	
5-6	·ŏ	.ŏ	3.4	4.5	•0	٠.	5.7		.0	2.3	11.9		•0	•0	11.9	
7	.0		4.5	•••	•0	٠.	8.0		.0	.0	8.0	2.3	•0	.0	14.2	
8-9	•0		.0	.0	•0	•0	4.5		•0	.0	.0	0	•0	.0	10.2	
10-11	. 0		•0	.0	.0	•0	•0		•0	.0	.0	.0	•0	.0	•0	
12	.0	.0	.0	.0	•0	•0	•0		•0	.0	.0		•0	.0	•0	
13-16	.0	.0	•0	.0	• 0	•0	• 0		.0	.0	.0	·ŏ	ěŏ	.0	.0	
17-19	.0	.0	•0	.0	.0	•0	•0		•0	.0	.0	.0	•0	.8	.0	
20-22	.0	. 0	.0		•0	•0	•0		•0	•0	.0		ěŏ	ě	:0	
23-25	.0	.0	•0	.0	•0	•0	•0		•0	•0	.0	.0	•0	٠٥	.0	
26+32	.0	.0	. ñ	.0	.0	•0	.0		.0	.0	.0	.0	•0	.0	.0	
33-40	•0	.0	.0	.0	.0	•0	•0		•0	.0	.0	.0	•0	.0	.0	
41-48	•0	.0	.0	.0	•0	•0	•0		•0	•0	.0	.0	ěŏ	·ŏ		
49-60	• C	.0	.0	.ŏ	.0	•0	•0		•0	.0	.0	.0	ěŏ	.0	.0	
61-70	.0	.0	. 0	.0	.0	•0	•0		•0	• 0	.0	.0	•0	ě	.0	
71-86	•0	.0	.0	.0	•0	• 6	•0		,	•0	.0	•0	•0	ě	:ŏ	
47+	•0	.0	.0	.0	•0	•0	•0		•0	•0	.0		•0	٠٥	.0	
TOT PCT	2.3	8.0	18.2	4.5	•0	• 0			.0	.0	.0	.0	•0	.ŏ	.0	
				•••	• 0	•0	33.0		2.3	13.1	24.4	2.3	•0		42.0	97.7
																77.01

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
тан	0-3	4-10	11-21	22-33	34-47	48+	PCT	707
<1	6.8	11.4	.0	.0	.0	_		085
1-2	4.5	15.9	11.4	ě		.0	18.2	
3-4	2.3	2.3	20.5			•0	31.8	
5-6	•0	• • •	11.4	.0	•0	.0	25.0	
7	.0			6.8	.0	.0	18.2	
8-9	:0	2.3	4.5	.0	.0	.0	6.5	
10-11		•0	.0	.0	.0	.0	, Ĵ	
	•0	• 0	.0	.0	.0'	.0	.0	
12	•0	•0	.0	.0	.0	.0		
13-16	•0	.0	.0	.0	.0	.0	ě	
17-19	•0	.0	.0	.0	.0			
20-22	.0	•0		ŏ	.0		•0	
23-25	•0	•0		ŏ	.5	.0	•0	
26-32	•0	.0				.0	.0	
33-40	.0	٠٥		٥٠	•0	.0	•0	
41-48	.0		.0	.0	•0	.0	•0	
49-60		•0	.c	•0	•0	.0	•0	
61-70	•0	•0	٠.	.0	.0	.0	.0	
71-86	•0	•0	٠.	.0	.0	.0	.0	
	•0	•0	•0	.0	•0	.0	.0	
87+	•0	•0	.0	.0	.0	.0	÷č	
TOT PCT	13.6	31.8	47.7	6.8	•0	.0	100.0	44

PERIC	ים) ים	/ER-ALI	194	9-197	'3				TABLE	19											
					PERCENT	FRE	EQUENCY (	F WAV	E HEI	GHT (F	7) VS	MAVE PI	ERIDD	(SECON	051						
PERIOD (SEC)	<1	1-2	3-4	5-6			10-11									49~60	61-70	71-86	87+	TOTAL	
<4 6=7	17.2		25.0	6.3	4.7	. 0		.0	.0	.0	.0						0	. 1-00	• / •	IUIAL	MEAN MGT
6-9	.0	1.6	6.3	.0		3.1		.0	.0	.0	0	.0	.0	.0	.0	:0	:0	.0	.0	49	2
10-11 12-13	•0	.0	.0	.0	.0			:0	:0	.0	.0	.0	.0	٠٥.	.0	.0	۰,0	:0	.6	í	6
>13	•0	.0	.0	.0	.0	.0		.0	•0	.0	.0	·ŏ	:6	.0	•0	:0	.0	•0	.0	0	•
INDET TOTAL	4.7	.0	.0	3.1	1.6	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.ŏ	0	
PCT	21.9	25.0	20 31.3	9.4	7.8	4.7	0	0	0	0	•	•	•0	•0	•0	.0	.0	.0	.0	6	3
						•••	•0	•0	.0	•0	.0	.0	٠٥	٠ŏ	٠٥.	.ŏ	٥٠	.0	-0	100.0	3

### FEBRUARY

PERIOD: (PRIMARY) 1913-1973 (OVER-ALL) 1857-1973

TABLE 1

AREA 0010 SQUTHWEST JAVA SEA 5.35 108.8E

DEGCENT	EBERMENCY	45	LOATHED	SECHARACHEE	 UTMA	AIRECT!	n.

			,	RECIPI	TATIO	SAAL N					OTHER	WEATHER	PHENDI	HFNA	
HND CIR	RAIN	RAIN SHWR	DR7L	FRZG PCPN	SNOW	DTHER + (2N PCPN	HAIL	PEPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	FOG VO PCPN	FOG WD PCPN PAST HR	SMOKE	SPRAY BLMG DUST RLMG SNOW	
N	7.7	.0	.0	.0	.0	.0	.0	7.7	•0	2.9	.0	.0	•0		89.4
NE	.0	.0	.0	.0	٠.	.0	.0	.0	.0	10.3	30.8	.0	•0	.0	59.0
t	٠.	.0	.0	.0	.0	.0	.0	.0	•0	.0	15.4	.0	• 0	•0	84.0
5 E	.0	. :	.0	.0	.0	۰,0	.0	•0	•0	.0	٠.	•0	.0	•0	100.0
5	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	•0	.0	100.0
S m	11.4	12.7	.0	.0	.0	.0	. C	24.1	•0	.0	.0	•0	.0	•0	75.9
	11.3	5.7	.0	.0	.0	.0	.0	17.0	.7	6.1	.0	.0	•0	.0	80.4
Ne	8.6	4.0	.0	.0	.0	.0	.c	12.6	1.1	4.2	3.5	.0	.0	• 0	79.0
VAR	.0	.0	.0	.0	.0	.0	.c	.0	.0	.0	.0	.0	•0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.c	•0	•0	.0	.0	.0	•0	•0	100.0
TOT PCT TOT CBS:	8.6 302	4.3	.0	.0	.0	•0	•0	12.9	.7	4.3	2.6	•0	•0	•0	81.1

TABLE 2

DEBCCUT	EREALENCY	O.E.	WEATHER	OF PHIDDENCE	20	MON

				RECIPI	TATIO	N TYPE					OTHER	HEATHER	PHEND	MENA	
HOUR (GPT)	RAIN	RAIN Sawr	DR7L	PRZG PCPN	SNOR	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR I TNG	FOG MO PCP4	PUG NO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
00£03 06£09 12£15 18£21	12.7 9.1 5.9 7.1	3.6 3.4 1.4 3.9	.0	.0	.0	.0	.0 .0 .0	18.3 12.5 8.3 12.9	1.4 .0 1.4 .0	1.4 1.1 4.2 10.6	1.4 3.4 2.9 4.7	.0	•0	.0	78.9 83.0 84.7 76.5
TOT PCT TOT CBS:	8.9	4.1	.0	•0	•0	.0	•0	13.0	.6	4.4	3.2	•0	•0	•0	80.7

TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

HND DIR	0+3			22-33		48+	TOTAL DBS	PCT FREQ	™EAN SPD	00	03	06	HDUR 09	(GMT) 12	15	18	21
N	2.2	3.2	٠,	. 2	•0	.0		6.4	6.7	4.3	13.2	3.6	13.6	8.4	9.3	4.8	2.4
NE	1.4	1.8	.c	.0	•0	.0		3.2	4.5	:.0	10.5	. 8	3.7	6.9	.0	2,7	2.4
E	. 5	1.1	.0	.0	•0	.0		1.7	4.5	1.9	• 0	2.0	.5	1.9	.0	1.6	2.9
SF	. 7	1.4	.0	.0	.0	.0		2.1	5.1	4.3	5.3	. 4	1.9	1.9	.0	2.3	1.9
ξ.	. 8	2.2	.2	.0	.0	.0		3.2	6.1	5.2	5.3	1.6	. 5	3.2	1.9	3.9	4.8
Š.	1.5	6.2	1.2		. 6			8.9	7,4	9.3	5.3	9.0	3.3	7.4	13.0	13.2	10.6
	4.2	17.0	11.2	. • ?	•1	• 0		33.2	9.5	38.9	26.3	35.0	22.0	27.5	44.4	32.6	43.3
**	3.9	10.1	11.0	1.5	•0	•0				28.6	34.2	42.8	50.9	37.4	27.8	30.4	24.0
VAR	• • •	.0	• 0	.0	•0	•0		-0	.0	•0	•0	.0	•0	•0	.0	• 0	• • •
CALM	5.7							5.7	:0	5.5	• 0	4.8	3.7	5.3	3.7	8.5	7.7
TOT CBS	158	390	184	19	1	٥	752		8.2	110	19	125	107	131	27	129	104
TOT PCT	21.0	51.9	24.5	2,5	•1	•5		100.0							100.0	100.0	

TARLE 34

HND DIR	0-6	#IND 7-16	SPEED 17-27	(KNCTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	H3UI 06 09	12 13	18 21
	3.9	2.1	.5	.0	.0		6.4	6.7	5.6	4.2	8.5	3.8
NE	2.6	.6	•0	•0	٠.		3.2	4.5	3,3	2.2	5.7	2.6
Ę	1.4	. 3	.0	.0	٠.		1.7	4.5	1.6	1.3	1.6	2.1
SE	1.5	. 6	.0	.0	.0		2.1	5.1	4.5	1.1	1.6	2.1
•	1.0	1.4	.0	ě	.0		3.2	6.1	5.2	1.1	3.0	4.3
Św	4.4	4.2	. 4	.0	.0		8.9	7.4	8.7	6.4	8.4	12.0
	10.8	18.1	4.1	. 3	.0		33.2	9.6	37.0	29.0	30.4	37.3
Nu	12.0	18.4	5.0	. 1	.ŏ		35.5	9.7	29.5	40.0	35.8	27.6
VAR		.0			.ŏ				.0		.0	
CALM	5.7	•••	••	••	•••		5.7		4.7	4.3	5.1	8.2
	332		75	3	٥	752	2.1	.0 ●.2		232		
		342				156		•.2	129		158	233
דמד פכד	44.1	45.5	10.0	.4	.0		100.0		100.0	100.0	100.0	100.0

e			•

PEPIGO: (PRIMARY) 1913-1973 (OVER-ALL) 1857-1973

TARLE 4

AREA 0010 SOUTHWEST JAVA SEA 5.55 108.8E

PERCENTAGE	FREQUENCY	ΩF	MIND	SPEEC	BY	HURS	CONT

				WIND	SPEED (	KNOTS)			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FŘEQ	DBS
60300	4.7	16.3	42.2	24.0	3.9	.0	.0	8.6	100.0	129
04604	4.3	15.1	48.3	30.2	2.2	.0	•0	8.8	100.0	232
12615	5.1	10.8	56.2	23.4	1.9	.6	•0	8.2	100.0	158
16651	8.2	18.0	51.5	19.7	2.6	.0	.0	7.6	100.0	233
TOT	43	115	390	184	19	1	0	1.2	•	752
PCT	5.7	15.3	51.9	24.5	2.5	•1	.0		100.0	

TARLE 5

TABLE 6

•	CT FRE			CLOUD A		(EIGHTHS)		1					CEILIN NH <5/					
WND DIR	0-2	3-4	5-7	8 & 08500	TETAL CBS	CDVEP CLUUD CDVEP	000 149	150 290	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	MH <5/8 ANY HGT	
N	.9	.9	2.3	1.1		5.5	•0	.0	.0	.0	1.1	.0	.0	•0	.0	.0	4.0	
NE	1.4	.0	1.1	•0		3.6	.0		.0	.0	.0	.0	.0	•0	•0	.0	2.6	
E	.0	.0	1.1	•0		5.0	•0	• 2	.0	.0	.0	•0	.0	•0	.0	.0	1.1	
SE	.0	2.6	.0	•0		3.1	•0	.0	.0	.0	.0	•0	.0	.0	•0	.0	2.6	
S	1.1	. 9	.0	.9		4.4	•0	.0	.0	.0	. 9	.0	.0	•0	.0	.0	2.0	
SW	.0	1.1	2.3	2.9		6.5	•0	.0	.0	1.1	1.7	.0	. 0	•0	•0	.0		
₩	2.3	2.0	10.9	17.0		6.5	•0	• 0	.0	5.5	5.7	3.4	.0	•0	+0	.0	17.5	
ÄH	4.6	2.9	21.3	16.1		6.1	• 0	.0	.0	.3	7.8	6.9	2.3	1.1	•0	.0	26.4	
VAR	.0	.0	.0	•0		•0	•0	• 0	.0	.0	.0	• 0	.0	• 0	•0	.0	• 0	
CALM	1.1	.0	1.1	•0		3.5	•0	. 6	.0	.0	.0	.0	1.1	.0	•0	.0	1.1	
TOT OBS	10	ğ	35	33	8"	6.0	ŏ	0	Ö		15	ě	•••	• • •	ŏ	• 7	*53	87
TOT PCT	11.5	10.3	40.2	37.9	100.0		•0	•0	.0	6.9	17.2	10.3	3.4	1.1	•0	• 2	40.9	100.0

TABLE 7

# CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NM >4/8) AND VSBV (NM)

				VSBY (NH	1)			
CEILING	● CR	= DR	• DR	- ∩R	• DR	<ul> <li>DR</li> </ul>	• DR	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ TR >6500	.0	.0	.0	.0	.0	.0	.0	.0
<ul> <li>□R &gt;5000</li> </ul>	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
<ul> <li>OR &gt;3500</li> </ul>	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
■ DR >2000	9.1	12.5	15.9	15.9	13.9	15.9	15.9	15.9
■ DR >1000	22.7	29.5	33.0	33.0	33.0	33.0	33.0	33.0
■ DR >600	25.0	35.2	39.8	39.8	39.8	39.8	39.4	39.8
■ DR >300	25.0	35.2	39.8	39.8	39.6	39.8	39.8	39.1
■ DR >150	25.0	35.2	39.8	39.4	39.8	39.8	39.8	39.8
• DR > 2	25.0	35.2	39.8	39.8	39.8	39.8	39.8	39,8
TOTAL	22	31	35	35	35	35	36	25

TUTAL NUMBER OF OBS: 88 PCT FREQ NM <5/81 60-2

TABLE 74

## PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

G 1 2 3 4 5 6 7 8 DBSC DBSC 1.0 20.2 13.5 16.3 7.7 9.6 9.7 4.8 18.3 .0 104

F€		

								KURKT						
(PRIMARY) 1 (OVER-ALL) 1							TA	BLE 8				ARE	A 0010	SOUTHWEST JAVA SEA
		P	ERCENT						URRENCE ALUES				€ OF	
VSBY			NE	ε	SE	\$	Sw	<b>u</b>	NW	VAR	CALM	PCT	TOTAL DBS	
€1/2	PCP ND PCP TOT %	.3 .1	••	.0 .0	•0	•0	•0	.0 .3	.7	.0	•0	1.3		
1/2<1	PCP ND PCP TOT %	.0	.0	•0	•0	•0	•0	.3	.0 .3 .3	.0	.0	.0 .7 .7		
1<2	PCP NO PCP TOT %	0.00	.0	.0	.0	•0	•1 •0 •1	1.2	.1 .0 .1	.0	•0	1.3 .0 1.3		
2<5	PCP ND PCP TOT %	.0 .2 .2	.0	.0	.0	•0	•2 •3 •5	1.3	1.2 1.3 2.5	.0	•0	2.6 2.3 5.0		
5<10	PCP NO PCP TOT %	.3 3.1 3.5	1.2 1.2	.0 1.0 1.0	.0 .5	•0 •6	1.7 2.7	2.2 11.1 13.2	2.8 10.0 12.8	•0	.0 1.0 1.0	6.3 30.5 36.6		
10+	PCP NG PCP TOT %	.0 4.4 4.4	2.1 2.1	.0 1.2 1.2	1.0 1.0	.0 1.3 1.3	2.9 3.2	1.0 17.2 18.2	.3 21.0 21.4	•0	1.7 1.7			
	TOT OBS	0.4	3,2	2.2	2.1	2 • 2	6.5	35.1	37.7	.0	2.6	100.0	302	

TABLE 9

V\$BY (4M)	SPD KTS	N	ME	E	SE	\$	S #	*	N¥	VAR	CALM	PCT	TOTAL
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•
C1/2	4-10	.3	.0	.0	•0	.0	.0	. 3	. 5	.0		1.0	
	11-21	.1	.0	.0	.0	.0	.0	.0	.1	.0		. 3	
	22+	٠.0	.0	.0	.0	٠.	.0	.0	.0	.0		.0	
	# TCT	.4	.0	•0	•0	•0	.0	. 3	.6	.0	.0	1.3	
	0-3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	
1/2<1	4-10	.0	.0	.0	.0	.0	.0	. 3	.0	.0		.3	
	11-21	.0	.0	•0	.0	•0	. ၁	. 5	.5	.0		1.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	.3	.0	.0	.0	.0		.5	.0	-0	1.5	
	3-3	.0	.3	٠,	.0	.0	.0	.0	.0	٠.	.0	.3	
1<2	4-10	.0	.0	• 0	.0	,0	- 1	. 4	.0	.0		.5	
	11-21	.0	٠.	• 0	.0	•0	.0	.9	. 1	.0		1.0	
	22+	.0	.0	•0	.0	.0	٠.	. 2	- 1	.0		.3	
	TOT \$	.0	.3	•0	•0	•0	.1	1.5	.2	.0	•0	2.0	
	0-3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	.0	.0	.0	•0	.0	.6	1.0	.9	.0		2,5	
	11-21	• 1	.0	.0	•0	.0	.0	.6	. 5	.0		1,3	
	22+	40	•0	•0	•0	•0	.0	.0	. 8	.0		. 8	
	TOF \$	•1	•0	•0	•0	•0	.6	1.6	2.1	•0	•0	4.5	
	0-3	1.1	.0	. 3	.3	.3	.0	.9	2.0	.0	. 8	5.5	
5<10	10	. 8	.9	. 5	• 1	• 3	1.3	6.4	5.9	.0		16.1	
	11-51	.5	.0	• 9	.0	• 1	. 5	2.8	1.9	•0		5,4	
	42+	.3	.0	•0	• 0	•0	. 3	3		•0		1.5	
	TOT %	4.6	, 9	. 6	.4	.6	2.1	10.3	10.5	•0	. 4	29.0	
	0-3	2.0	1.6	.4	.4	.0	.5	2.0	2.7	.0	3.0	11,8	
10+	4-10	2.2	. 3	.6	•9	1.6	4.0	10-5	14.1	•0		34.3	
	11-21	.5	۰.	•0	•0	•0	.5	7.9	6.5	•0		15.4	
	22+	0	0	0	0	.•0	.0	3	0	.0		3	
	101 %	4.7	2.0	1.0	1.3	1.6	5.0	20.5	22.5	.0	3.0	61.7	
	OT DAS	7.9	3.3	1.5	1.7	2.3	7.7	35.0	36.5	.0		100.0	397

PEBRUARY

PERIOD: (PRIMARY) 1913-1973 (OVER-ALL) 1857-1973 AREA 0010 SQUTHWEST JAVA SEA 5.55 108.8E TABLE 10

PERCENT FREQUENCY OF CFICING HEIGHTS (FEET, NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

						CURNEN	16F 0F	4- 477		UUK			
HOUR (GMT)	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL
00603	.0	.0	.0	8.3	4.2	12.5	4.2	.0	.0	.0	29.2	70.8	24
90360	.0	.0	•0	8.7	17.4	13.0	8.7	4.3	.0	•0	52.2	47.8	23
12615	.0	.0	.0	•0	25.0	15.0	.0	.0	.0	.0	40.0	60.0	20
18621	.0	.0	.0	6.9	17.2	.0	3.4	.0	.0	•0	27.6	72.4	29
TOT PCT	.0	.0	.0	6.3	15 15.6	9.4	4.2	1.0	.0	.0	35 36.5	61	96

TABLE 11 TABLE 12 CUMULATIVE PCT FREQ OF RANGES OF VSBY (NH) AND/OR CEILING MGT (FEET,NH >4/8), BY HOUR PERCENT FREQUENCY VSBY (NM) BY HOUR <1/2 1/2<1 1<2 2<5 5<10 10+ TOTAL DBS 00603 00603 .0 16.7 12.5 70.8 06609 30.3 63.1 122 90360 .0 10.0 20 40.0 12615 12615 18621 18621 113 7.7 26 8 18 124 250 411 1.9 4.4 30.2 60.8 100.0 0 9 26

TARLE 13 TABLE 14 PERCENT PREDUENCY OF RELATIVE HUMIDITY BY TEMP PERCENT FREQUENCY OF WIND DIRECTION BY TEMP TOTAL PCT 0-29 30-39 40-49 50-59 50-69 70-79 80-89 90-100 DBS PRES TE49 E VAR CALM .^ .0 .0 .5 .0 4.6 4.1 .5 .5 23.1 45.6 7.7 .6 .0 7.7 4.1 .0 .0 .0 1.5 1 54 112 28 .5 27.7 57.4 14.4 1 .5 18 9.2 150 76.9 23 :1.8 3 1.5 195 100.0 1.0 2.1 .0 00000000 00000000 00000000 3.3 2.6 1.8 2.2 6.9 34.5 38.3 .0 3.1

TABLE 15 TABLE 16 MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PERCENT PREQUENCY OF RELATIVE HUMIDITY BY HOUR

TOTAL 085 45 59 41 62 207 0-29 30-59 60-69 70-79 80-89 90-100 MEAN GB5 130 226 154 236 746 73 81.0 75 82.4 75 81.7 72 80.5 73 51.4 76 78 79 77 77 73 75 76 74 74 81 82 81 61 .00.00 2.2 .00000

FEBRUARY

PEPIJD: (PRIMARY) 1913-1973 (DVER-ALL) 1857-1973

TABLE 17

AREA 0010 SOUTHWEST JAVA SEA 5.95 108.8E

PCT FR'O OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73 76	77 80	81 84	85 88	89 92	TOT	FOG	#O FCG
7/8	.0	•0	.0	.0	. 4	i	.0	. 4
•	.0	.0	.0	.0	. 4	i	• 0	. 4
5	.0	.0	.0	• 0	. 4	1	•0	.4
	.0	.0	. 8		.0	- 4	. 8	.8
3	.0	.0	. 8	1.2	.0	5	.0	2.0
2	. 0	•0	3.2	1.2	.0	11	•0	4.5
ī	.0	.0	7.3	3.2	.0	26	. 8	9.7
4 3 2 1 0	.0	1.2	25.1	2.8	.0	72	1.2	27.9
-i	.0	1.6	11.3	. 4	•0	33	.0	13.4
-ž	.0	5.3	15.0	.0	.0	50	•0	20.2
-3	.0	2.4	2.4	.0	.0	12	.0	4.9
-3 -4	.0	2.8	2.8	.0	.0	14	.0	5.7
-5	.0	2.4	- ,4	. 0	.0		. 0	2.8
-6	. 8	1.2	. c	. 0	.0	7 5 3 2	.0	2.0
-7/-8			.č	ñ	. 0	5	.0	1.2
-9/-10		.0	.0		.0	;	ŏ	
TOTAL	.,	• •	171	• •	• 3	•	• 7	240
10146	U	43		24	•	247	,	2-0
PCT	2.4		69,2	9,7	1.2	100.0	2.8	97.2

PERISS: (SVER-ALL) 1963-1973

				PC	T FREO	OF WIND	SPEED	(KTS) AND	DIRE	TION V	ERSUS 5	EA HEIG	HTS (FT)		
				N								NE			
HGT	1-3	4-13	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.0	.0	•0		5.0	.0	. ,	.0	•0	.0	2.0
1-2	.0	2.0	2.0	.0	.0	.0	3.9		• 0	•0	.0	•0	•0	.0	.0
3-4	. 0	.0	2.0	.0	٠.	.0	2.0		• 2	• 0	.0	•0	•0	.0	.0
5-6	.0	٠.	•0	•0	.0	.0	•0		• 0	•0	.0	.0	•0	.0	.0
7	.0	.0	• 0	.0	.0	٠.	•0		•0	•0	.0	.0	•0	.0	•0
8-9	. 3	.0	•0	2.0	<b>~</b> 0	.0	2.0		•0	•0	.0	.0	•0	.0	.0
10-11	.c	.0	•0	• 0	.0	.0	•0		•0	•0	.0	•0	•5	.0	.0
12	•0	.0	•0	.0	.0	•0	•0		• 0	•0	• 0	•0	•0	•0	•0
13-16	.0	.0	•0	• • • •	• 0	٠0	•0		•0	•0	•0	•0	•0	•0	•0
17-19	.0	.0	•0	.0	•0	.0	.0		•0	•0	•0	.0	•0	•0	•0
20-22	• 3	.0	•0	.0	2.	.0	•0		•0	•0	•0	.0	•0	•0	.0
23-25	.0	.0	•0	.0	•0	.0	.0		•0	•0	•0	•0	•0	.0	•0
20-32	•3	.0	•0	•0	•0	.0	•0		0.0	•0	•0	•0	•0	.0	.0
33-40	.9	•0	•0	•0	•?	.0	•0			.0	•0	•0		••	•0
41-48	• 5	.0	•0	.0	40	.0	.0		.0	•0	•0	•0	•0	.0	.0
49-60 61-70	• 0	.0	•0	.0	.e	.0	•0		.0	•0	.0	•0	•0	.0	.0
71-86	• ?		•0		•0	.0	•0		.0	•0	•0		•0	.0	.0
87+	• 0	.0	•0	•0	.0	.0	•0		.0	.0	•0	.0	•0	.0	.0
TOT PCT	٠,	2.0	.0 3.9	2.0	.0	.0	7.8		2.0	.6	.0		•0	:0	2.0
1111	•0	2.0	3.4	2.0	• 0	.0	7.0		2.0	•0	•0	.0	••		2.0
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	• 2	.0	•0	-0	.0	•0	.0		•0	5.0	.0	•0	•0	.0	2.0
1-2	.0	.0	• າ	.0	.0	.0	.0		.0	2.0	.0	.0	•0	.0	2.0
3-4	•0	.0	• າ	.0	.0	.0	.0		• 0	•0	.0	.0	•0	.0	•0
5-6	• 0	•0	•0	.0	.0	.0	•0		•0	•0	.0	•0	•0	.0	•0
.7.	• ?	.0	• 0	•0	.0	.0	.0		•0	•0	.0	•0	•0	0	•0
8-9	•0	.0	•0	•0	.0	*0	•0		•0	•0	•0	•0	•0	٠.	•0
10-11	•0	.0	•0	•0	.0	•0	•0		•0	.0	•0	•0	•0	• 0	•0
12	٠,	.0	• ^	•0	•0	•0	•0		.0	.0	•0	•0	•0	.0	•0
13-16	.0	٠.	••	• 2	.0	.0	•0		.0	.0	• 0	.0	•0	.0	.0
17-19 20-22	• ?	.0	٥.	.0	.0	.0	.0		.0	.0	.0	.0	•0	:0	.0
	٠,					.0			.0	.0		.0	•0	:0	.0
23 <b>~25</b> 26 <b>~3</b> 2	.0	.0	•0	•0	.0	.0	.0		.0	.0	.0	.0	•0	:0	.0
33-40	.0	.0	•0	•0	.0	.ŏ	.0		.0	.0	.0	.0	.0	.0	.0
41-48	٠٥		.0	.0	.0		.c		.0	.0	.ŏ	.0	.0	.ŏ	.0
49-80	.5	:0	•0	.0	.0				.0	ŏ	.0	.0	.0	.0	.0
61-70	.;	.0	• 0	.0	.0		.0		.0	.0	ő		.0	.ŏ	.0
71-86	.,	.0	•0	••	.0	.0	.ŏ		.0	.0	.ŏ		۰٥	č	.0
87+		.0	.0	.0	ő		.0		.0	.0		:0	.0	.5	.0
707 701	.ć	.ŏ		.0	. 0	.0	ě		.0	3.9			.0	.0	3.9
	••	•••	••	••	••	•••	•••		••	•••	•••	•••	•••	•••	

								1	FEBRUARY				4054	0010 6		ASE AVA SEA
PEP 100:	COAF	R-ALL)	1903-1	.473				TABLE	18 (CONT)				WEW		5 108	
				PC	T FREQ (	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (F/	i		
HGT	1-3	4-10	11-21	S 22-33	34-47	48+	PCT		1-3	4=10	11-21	5 W	34-47	48+	PCT	
<1		.0	9.	• • •	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
1-2	. 0	3.4	•0	.0	.0	.0	3.4		.0	4.4	.0	.0	.0	.0	4.4	
3-4	.0	.0	.0	.0	.0	.0	.0		.0	.5	.0	.0	•0	.0	. 5	
5+6	.0	.0	•0	.0	.0	•0	.0		*0	•0	.0	2.0	•0	•0	2.0	
7.	٠.	.0	•0	.0	• 0	•0	•0		•0	.0	.0	.0	•0	•0	•0	
8-9	.0	.0	•0	•0	• ^	•0	•0		• 0	•0	.0	.0	•0	•0	•0	
10-11	•0	.0	•0	.0	•0	• • • •	•0		• 0	.0	٠.	.0	•0	• 5	• 0	
12 13-16	•0	.0	•0	•0	•0	•0	0.0		•0	.0	.0	.0	•0	•0	•0	
17-19	.0	•0	•0	.0	•0		.0		ő	.0		:0	•0	.0	.0	
20-22	.0	ě	•3	.0	.0		.0		ő	ŏ	٠٥		•0	•0	ě	
23-25	.0	.5	.0	.0	Ö	.0	.0		.0	ō	.c	.0	.0	2.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0		.0	.0		.0	•0	.0	.0	
33-40	. 3	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	•0	
41-40	.0	.0		.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	+0	
49-60	.0	.0	•0	.0	.0	•0	.0		•0	•0	.0	.0	•0	•0	.0	
61-70	.0	.0	• 0	.0	.0	.0	.0		•0	.0	.0	.0	•0	•0	•0	
71-86	•0	.0	•(	•0	•0	•0	•0		•0	•0	.0	.0	0	•0	•0	
87+	.0	.0	•0	•0	٠,	•0	.0		•0	4.9	.0	0	•0	•0	••	
TOT PCT	.0	3.4	•0	•0	• )	.0	3.4		•0	4,7	•0	2.0	•0	•0	6.9	
				₩								NW				TOTAL
HG*	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	.0	.0	•0	.0	.0	.0	.0		•0	.0	.0	•0	•0	•0	• 0	
1-2	بدوا	5.4	2.0	•0	.0	.0	8.8		. 5	6.4	5.9	•0	•0	•0	12.7	
3-4	.0	3.4	2.0	.0	• 6	•0	5.4		:0	5.9 2.0	7.8	3.0	•0	•0	13.7	
5,5	.0	•0	3.4 3.9	.0	0.	.0	3.4		ŏ		2.0	2.0	•0	.0	8.3 3.9	
8-9	.0	.0	•0	1.5	. 0	•0	1.5		ŏ	.0	3.9	6.4	.0	.0	10.3	
10-11	.0	.0	•0		.0	.0			.0	.0		••	·ŏ	.0	• • •	
12	.0	.0	•0	.0	.0	.0	.0		.0		.0	2.0	.0	.0	2.0	
13-16	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	.0	
119	.0	.0	.0	.0		.0	.0		.0	.0	.0	•0	•0	.0	.0	
20.22	.0	.0	.0	.0	.0	٠.	.0		.0	.0	.0	•0	•0	.0	•0	
23-25	.0	.0	.0	•0	۰.0	.0	•0		•0	•0	•0	•0	•0	•0	•0	
26-32	.0	.0	•0	.0	.0	.0	.0		•0	.0	•0	-0	•0	.0	•0	
37-40	•0	.0	•0	.0	-0	.0	.0		•0	.0	.0	•0	•0	.0	•0	
41-48	.0	.0	•0	.0	٥.	.0	•0		•0	•0	.0	.0	•0	.0	.0	
49-60	.0	.0	•0	.0	.0	• 0	•0		•0	•0	•0	•0	•0	•0	••	
51-70	•0	.0	•0	•0	•0	•0	•0		.0	.0	•0	•0	•0	•0	٠.	
71 -56 87+	.0	.0	•0	•0	.0	.0	.0		.0	.0	.0	•0	•0	•0	•0	
TOT PCT	1.5	8.8	11.3	1.5	.0		23.0		. 5	14.2	24.0	12.3	•0	•0	51.0	98.0
101 -01		0.0	1.00	***	•17	••	2300	'	• 2		+0	14.3	•0	••	21.0	/#

		****		VS SEA	HETCHT	/571		
	MIND	SPEED	(4137	A2 DEW	PEIGNI	1011		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	5.8	1.9	.0	.0	-0	.0	7.7	OBS
1-2	1.9	27.1	9.5		-0	.0	34.6	
3+4	٠.	9.6	11.5		• >	.0	21.2	
5 - 5	•0	1.9	7.7	3.8	٠.	.0	13.5	
7	. 0	.0	5.8	1	.0	.0	7.7	
8-9	.0	.0	3.8	9.6	.0		13.5	
10-11	.0	.C	. C	. 0	.0	.0	.0	
12	.0	.0	.0	1,7	.0		1.9	
13-16	.0	.0	.6	.0	.0	.0	.0	
7-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.n	• č	.0	.0		.0	
23-25	•	.0	ڭ•		.0		.0	
76-32	.0	.0	.0		. 0	.0	.0	
33-40	• 5	.0	. 5		.0	.0	.0	
-1-48	.0	.0			, 0		.0	
49-60	.0	. 0	•0				.0	
61-70	.0	.0	.0				.0	
71-86	•0	. 0	·ċ				.0	
674	.0	.0	.0		.0		. 0	
	•••	•••	•	•		•	• • •	52
TET PET	7.7	36.5	36.5	17,9	٠.	.0	107.0	

PERIO	אס) זם	ER-ALL	) ,94	9-197	3				TABLE	19											
					PERCENT	FREC	HENCY	OF HAY	VE HEIG	HT (F1	r; vs i	AVE P	5 <b>810</b> 0	(SECONI	)\$ I						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-7	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-34	87+	TOTAL	MEAN TOH
<6	5.9	27.1	15.3	9.4	3.5	8.2	•0	1.2	.0	.0	.0	.0	.0	.0	.с	.0	-0	.0	.0	60	4
6-7	•0	.0	10.5	7.1	1.5	1.2	.0	.0	.0	.0	٠,٥	.0	•0	.0	٠,	۰,0	. \$	.0	.0	17	4
8-9	•0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	٠ũ	.0	٠,0	.0	.0	.0	٠0	0	
10-11	•0	٠.	.0	٠,٥	.0	.0	.0	.0	.0	.0	.0	•0	.0	•0	•0	.0	.0	.0	٠,٥	0	
12-13	.0	:0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	•0	.c	.0	.0	٠.	.0	0	
>13	•0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	, 0	.0	.0	.0	. i	.0		.0	G	
INDET	4.7	4.7	.0	٠.5	٠.٥	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	٠.	.0	.0	.0	8	1
PCT	10.6	31.0	25.9	16.5	4.7	9.4	•0	1.2	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	100.0	3

1.

TABLE 1

AREA 0010 SOUTHWEST JAVA SEA 5.95 108.8E

### PERCENT FREQUENCY OF MEATHER OCCURRENCE BY WIND DIRECTION

			•	RECIPI	TATIO	N TYPE					STHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	RAIN Shur	DRZL	FRZG PCPN	SMOW	OTHER FRZN FCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FDG WD PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	NO SIG WEA
N E E S S S W W VAR CALM	7.5 2.9 2.1 2.2 3.3 6.9 5.5 2.9	11.3 5.9 20.8 17.4 .0 5.6 8.3 5.2	.0 4.2 .0 .0 4.2 .6	••••••••••••	00000000000	00000000000	00000000000	18.9 8.8 27.1 19.6 3.3 16.7 14.4 8.6	.0 .0 .0 .0 .0 1.9	2.9 6.3 8.7 6.7 1.4 5.5 4.0	3.8 .0 .0 .0 6.7 5.6 .5 4.0	.0	.0 .0 .0 .0 .0	•0	77.4 91.2 68.8 71.7 63.3 77.8 77.6 83.0
TOT PCT TOT CBS:	4.2 335	8,1	.9	•0	•0	.0	•0	13.1	.6	4.2	2.7	•0	•6	•0	79.7

TABLE 2

## PERCENT FREQUENCY OF WEATHER DECURRENCE BY HOUR

			•	RECIPI	DITAT	N TYPE					OTHER	WEATHER	PHEND	HENA	
HOUR (GHT)	RAIN	PAIN Shwr	DRZL	FRZG PCPN	SNOR	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	FOG WD PCPN	POG WD PCPN Past Hr	SHOKE	SPRAY BLWG DUST BLWG SNOW	
00003 06209 12615 18621	8.8 2.2 5.2 8.7	7.0 2 4.4 16.5	1.8 2.2 1.1	.0	.0	.0	.0	17.5 7.5 7.7 25.2	40 .0 2.2 .0	7.0 .0 2.2 9.4	.0 4.3 2.2 3.9	.0	1.1 1.1	.0 .0 .0	80.7 87.1 84.6 63.8
TOT PCT	5.4 368	6.7	1.1	.0	•0	•0	•0	15.2	.5	4.9	3.0	•0	.5	•0	77,4

TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

NND DIR	0-3			22-35		48+	TOTAL DBS	PCT FREQ	MEAN SPD	00	03	06	HIJUR 09	(GHT) 12	15	10	21
N NE E SE SW W NAR CALM	2.8 2.4 2.3 2.7 2.4 2.6 2.5	4.3 3.2 4.6 4.5 2.9 6.2 14.3	.6 .5 .7 .6 .1 1.0 5.8 4.9	.1	.00	• • • • • • • • • • • • • • • • • • • •		7.7 6.1 7.7 7.8 5.4 9.7 23.6 23.6	5.7 5.0 5.6 5.2 4.6 6.2 8.5	3.7 2.2 5.6 9.6 9.0 12.9 30.6 17.4	6.7 3.3 3.3 10.0 20.0 23.3 20.0	.0	4.5 7.7 5.9 3.2 6.4	7.1 12.0 9.0 2.6 3.4 7.3 20.9 29.3	2.9 2.9 5.9 29.4 20.6	7.8 2.9 7.0 10.7 6.1 8.4 26.2 18.6	
TOT DAS	8.5 222 29.9	404 54.4	166	11 1.5	,0	.0	743	100.0	6.4	9.0 89 100.0	15 100.0	135	110 100.0	8.3 133	100.0	12.3	9.0 122 100.0

FAR	 34	

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL OBS	PCT FREQ	HEAN SPD	00 03	HDU# 06 09	(GHT)	18 21
N NE	5.3 5.0	2.2	.3	•0	.0		7.7 6.1	3.7 5.0	5.0 2.9	11.7	6.7	5.5 4.3
₽ _	5.0	2.6	.0	.0	.0		7.7	5,8	5,3	9.2	18.3	6.6
SE	6.3	1.1	. 3	.0	.0		7.4	5.2	8,7	6.9	2.7	11.5
5	4.1	1.2	. 1	.0	.0		5,4	4.6	9.1	3.5	3.7	6.8
5 k	6.2	3.3	.3	•0	•0		9.7	4.2	13.9	4.9	9.8	12.6
₩	10.4	11.3	1.6	•2	.0		23.6	8.5	29.6	20.0	20.8	26.2
NW	10.3	10.5	2.2	•1	.0		23.6	8.3	17.8	30.3	27.3	15.7
VAR	.0	.0	•0	.0	.0		.0	.0	.0	.0	.0	
CALM	1.5						8,5	.0	7.7	7.3	7.3	10.7
TOT DAS	458	247	36	2	0	743		6.4	104	245	150	244
TOT PCT	41.6	33.2	4.8	.3	•0		100.0					

MARCH

PERIOD: (PRIMARY) 1912-1473 (DVER-ALL) 1860-1473 TARLE 4 AREA 0010 SDUTHWEST JAVA SEA

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

				wind	SPEED (	KNOTS)			PCT	TOTAL
HOOK	TALM	1-3	4-10	11-21	22-33	34-47	48+	mE WA	FREG	OBS
£0300	7.7	14.4	59.6	18.3	.0	.0	.0	7.0	100.0	104
90360	7.3	24.9	49.0	17.1	1.6	.0	.0	6.5	100.0	245
12615	7.3	23.3	54.7	8.7	2.0	.0	.0	6.1	100.0	150
18821	10.7	19.7	54.9	13.1	1.0	.0	.0	6.3	100.0	244
TOT	63	159	404	106	11	Ó	0	6.4		743
PCT	8.5	21.4	54.4	14.3	1.5	.0	.0		100.0	

TARLE 5

TABLE 6

٥	PCT FREG OF TOTAL CL.UD AMBINT (EIGHTHS) BY WIND DIRECTION MEAN							1					CEILIN					
WND DIR	0-2	3-4	5-7	3 & 03560	TETAL	CDVER	000 149	150 299	30° 599	600 999	1000	2000 3499	3500 4999	5000 5499	6500 7999	<b>e</b> C30+	NH <5/8	
N	1.3	.0	. 9	2.7		5.5	•0	•0	.0	.9	. 9	.0	.0	•0	.0	• 2	2.5	
NE	.6	1.3	2.5	• 0		4.0	•0	• 0	.0	.0	.0	1.3	.0	.0	•0	.0	3.1	
£	. 6	1.3	3.1	•		4.7	•0	• 0	.0	1.3	.0	.0	.0	.0	•0	. ,	3.8	
SE	.0	1.3	.6	.0		4.0	• 0	• ?	.0	.0	.0	.0	.0	•0	•0		1.9	
Ś	. 9	. 9	1.3	• (		3.9	•0	• 0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	
S'a	.6	3.1	. 9	4.1		5.7	•0	• 2	1.3	1.3	1.6	.0	.0	• 0	•0	.0	4.7	
ă.	2.2	9.1	15.5	7.5		5.7	•0	. 0	.0	6.9	5 3	•0	1.3	• 0	•0	1.3	20.6	
NH	2.5	6.9	12.3	6.3		5.3	• 0		.0	4.7	3.4	1.3	.0	• 0	•0		16.6	
VAR	.0	. 0	• 0	.0		•0	•0	.0	.0	.0	.0	• 0	.0	.0	• 0	.0	.0	
CALM	3.8	.0	6.3	1.3		4.7	•0	٠	.0	2.5	•0	•0	:.5	•0	•0	.0	7.5	
TOT DBS	10	19	34	17	80	5.3	Ò		1	14	9	2	2	0	ě	1	51	80
TOT PCT	12.5	23.8	42.5	21.3	100.0		•0	• 2	1.3	17.5	11.3	2.5	2.5	•0	•0	1.9	63.8	100.0

TABLE 7

CUMULATIVE PCT FREQ DF SIMULTANEOUS DCCURRENCE DF CEILING HEIGHT (NH >4/8) AND VS8+ (NH)

				VSBY (NE	1)			
CEILING	■ DR	• DR	<b>■ SR</b>	■ 5R	■ DR	• DR	• OR	<ul> <li>DR</li> </ul>
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• ne >65no	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
<ul> <li>↑R &gt;5000</li> </ul>	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
<ul> <li>□ 0R &gt;3500</li> </ul>	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3,7
+ CR >2000	5.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
■ CR >1000	13.6	16.0	17.3	17.3	17.3	17.3	17.3	17.3
■ CR >600	29.6	33.3	34.6	34.6	34.6	34.6	34.6	34.6
■ DR >300	30.9	34.6	35.8	35.4	35.8	35.8	35.4	35.8
• DR >150	30.9	34.6	35.8	35.8	35.8	35.8	35.6	35.8
• DR > 0	30.9	34.6	35.4	35.8	35.4	35.8	35.8	35.8
TOTAL	25	28	29	29	29	29	29	29

TOTAL NUMBER OF OBS: 61

PCT FRED NH <5/8: 64.2

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (FIGHTHS)

C 1 2 3 4 5 6 7 8 DBSCD TOTAL OBS

								M	ARCH						
PERIGO:	(PRIMARY) 1: 10VER-ALL) 1:	912-1473 860-1973						TA	BLE &				ARE	A 0010	SDUTHWEST JAVA SEA
			₽(	ERCENT	FREQ C	PITAT	ION WI	POITS	AIMC A	URRENCE ALUES	E OR N	0N-0CC 181L17	UR®ENC Y	E OF	
	V584 (NN)		٨	NE	E	SE	5	Sw	W	Nu	YAR	CALM	PCT	TOTAL	
	<b>«</b> 1/2	PCP NO PCP TPT %	••	.0	•0	.0	•0	.n	.0 .0	•0	.0	•0	.0		
	1/341	PCP NO PCP TOT %	.0 .0	.0	•0	.0	.0	•0	.0	•0	.0	•0	.0		
	1<2	PCP ND PCP TOT &	.c	•0	.0	.0	•0	•0	.0 .5	.0 .7 .7	.0	•0	1.2 1.2		
	2<5	PCP ND PCP TOT %	.0 .0	9.0	.0 .1 .1	.0 .1 .1	•0	•1 •9 •1	; 4 ; 3 ; 7	.3	.0	•0	.6 .9 1.5		
	5<10	PCP ND PCP TOT \$	1.5 3.4 4.9	1.6 1.8	1.9 2.4 4.3	1.3 3.1 4.5	2.5 2.6	1.2 3.7 4.0	2.2 7.1 9.3	1.7 8.7 10.4	.0	•0 •9 •9	10.1 33.4 43.6		
	10+	PCP NO PCP TOT %	3.0 3.0	3.0 3.3	2.7 2.7	2.2 2.2	1.9 1.9	5.3 5.7	1.3 15.2 16.5	14.2 14.6	.0	3.9 3.9	2.4 51.3 53.7		
														274	

TABLE 9

	PERCENT FREQ OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY													
V59Y	SPO KT\$	N	NE	£	SE	\$	5 H	#	NH	VAR	CALH	PCT	TOTAL	
	Ú-3	.0	-0	•0	.0	.0	.0	.0	.0	.0	.0	.0		
<1/2	4-10	.0	.0	.0	.0	•0	.0	.0	.0	٠.		.0		
	11-21	.0	.0	•0	•0	.0	.0	.0	.0	.0		.0		
	22+	• 0	•0	•0	.0	•0	.0	.0	.0	٠.		.0		
	70T \$	•0	.0	•0	•0	.0	.0	.0	.0	.0	•0	.0		
	3-3	٠.	-0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
1/201	4-10	٠.	•0	.0	.0	٠٥.	.0	.0	.0	.0		•0		
	11-21	•0	•0	•0	•0	•0	.0	•0	.0	.0		.0		
	22+	٠.	.0	•0	•0	• 0	.0	•0	.0	•0		.0		
	101 <b>\$</b>	٠.	•0	•0	•0	•0	.0	.0	.0	.0	-0	.0		
	0-3	.0	-0	. 3	.0	•0	.0	.0	.0	.0	.0	.0		
1<2	5-10	•0	.0	• 5	.0	•0	.0	.0	. 3	.0		.3		
	11-21	•0	•0	•0	•0	• 0	.0	• ?	• 1	.0		.3		
	22+	• 0	.0	.0	•0	•0	.0	.3	.3	.0		. 5		
	TOT \$	.5	.0	•0	•0	•0	.0	.4	.6	.0	•0	1.0		
	0-3	٠,	•0	•0	.0	.0	.0	.0	.0	.0	-0	•0		
2<5	4-10	.0	•0	• 1	• 1	٠,٥	.1	. 3	.9	.0		1.5		
	11-21	.0	•0	•0	•0	•0	.0	. 5	٠,	•0		,5		
	22+	•0	.0	.0	•0	•0	.0	.0	.0	.0		.0		
	TOT \$	•0	.0	•1	• 1	•0	•1		. 9	.0	•0	2.0		
	<b>3-3</b>	1.9	.6	. •	.6	.5	.6	.6	2.0	. ?		8.6		
5<10	4-10	2.1	1.0	2.4	3.2	1.6	3.1	5.1	5.6	٠.		24.2		
	11-21	1	.1	.4	. 3	.1	.5	1.9	1.4	٠.		4.8		
	42.	.0	0	0	0	.0	.0	. 3	.3	.0	_			
	TOT %	4.2	1.8	3.7	4.0	2.2	4.2	0.1	9.5	.0		36,4		
	~3	1.0	1.4	.4	1.3	.3	1.6	1.5	2.6	.0	5.6	15.9		
10+	4-10	2.7	1.8	1.9	1.4	1.6	3.4	10.7	9.8	.0		33.3		
	11-21	. 2	.4	, 5	• •	.0	. •	4.3	3.0	۰,		7,3		
	55+	.0	.0	•0	.0	•0	.0	0		.0	_			
	TOT \$	3.9	3.5	2.8	3.0	2.0	5.6	16.5	15.7	.0	5.4	58,6		
	OT DAS												396	
1	'NT PCT	5.1	5.3	5.6	7.2	4.8	10.0	25.8	26.5	•0	6.3	100.0		

MARCH

PERTUDI	(PRIMARY)	1912-1973
	INVER-ALL Y	1860-1473

TABLE 10

AREA 0010 SQUTHWEST JAVA SEA 5.95 108.8E

PERCENT	FREQUENCY D		>4/81	AND

					_				•				
HOUR (GHT)	000 149	190 299	300 599	600 999	1000 1 <b>9</b> 99	2000 3499	1500 4999	5000 6499	6500 7999	9000+	TOTAL	NH <5/8	TOTAL
00003	.0	.0	.0	29.4	11.8	.0	.0	.0	.0	•0	41.2	58.8	17
90360	.0	•0	4.2	16.7	12.5	4.2	.0	.0	۰,	•0	37.5	62.5	24
12615	.0	.0	٠.	13.6	10.3	3.4	6.9	.0	.0	• 5	34.5	65.5	29
18621	.0	.0	.0	4.8	4.8	.0	.0	.0	.0	4.8	14.3	85.7	21
TOT	0	٥	, ;	14	9	, 2	. 2	3	0	. 1	29	62	91

TABLE 11

TABLE 12

		PERCFUT	FRFOI EN	CY /\$81	Y (NH)	8 <b>-</b> - CUR		CUMULAT					CMP) YACV	
HOUR (GMT)	<b>&lt;</b> 1/2	1/2<1	1<2	2<5	5<10	10+	7074. 285	∺JUR (G*T)	<150 <50YD	<600 <1	<1000 <b>&lt;</b> 5	1000+ AND5+	NH <5/8 AND 5+	TOTAL
60300	• •	٠,	1.*	4.8	33.3	60.3	63	00603	.0	.0	35.7	14.3	50.0	14
90360	•0		1.4	1.8	38.6	5" \$	1.4	90340	.0	5.0	35.0	15.0	50.0	20
12615	٠.		1.0	1.0	32.7	.5.4	:0-	12615	• 0	.0	14.8	22.2	63.0	27
18621	.0		•^	2.7	52.7	**.5	146	18621	.0	.0	٥.٠	10.0	85.0	20
TOT PCT	.5	.0	.9	2.3	177 41.3	238	429 160.	101 PCT	.0	1.2	17 21.0	13	51 63.0	81 100.0

TARLE 13

PABLE 14

	PERCENT PREQUENCY OF PELATIVE MUMIDITY BY TEMP											PERC	ENT FP	EOUENC	Y DF W	140 01	RECTIO	N BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	90-89	90-100		PET	4	46	ε	5€	s	5#	¥	MM	VAR	CALM
85/89 80,34 75/79 TOTAL PCT	.00000	•0	•0	•0	•0	.9 48	4.3 125	56			1.5	3.9			2.7					4.7 .0 5.2
×	EANS, E)	CTREME	S AND F	_	LF 15 T1LFS 1	OF TEN	• (DEG	F) <b>S</b> Y	нВ⊍≉			PERCE	NT FRF	<u> </u>	TABL DF Re		: WHWIS	ITY BY	HS 1	

нпие	MAX	992	95%	50%	5%	1%	MIN	MEAN	TOTAL
(GHT)		• • •		,		• •			085
20300	0;	89	85	82	78	75	75	81.6	104
90300	91	92	85	83	79	75	75	83.3	231
12615	87	86	85	82	79	77	75	82.1	151
12381	89	87	84	81	77	75	73	80.9	249
707	0.1		8.6		74	74	72	99 0	715

HOUR 0=29 30=59 CU=50 70=79 80=89 90=100 MEAN TOTAL 16HT)
00E03 .0 .0 .0 10.8 56.8 32.4 86 37
00E03 .0 .0 5.9 26.5 52.9 14.7 81 68
12C15 .0 .0 1.6 27.9 47.5 23.0 83 61
18C21 .0 .0 .0 13.3 53.1 33.7 87 98
TOT 0 0 5 52 136 69 85 204

MARCH

PERIOD: (PRIMARY) 1912-1473 (OVER-ALL) 1860-1973

TABLE 17

AREA 0010 SOUTHMEST JAVA SEA 5.95 108.8E

PCT FRFO OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

11R-3EA	73	77	61	85	69	TOT	*	¥0
THP DIF	76	80	84	•	92	,	FÜC	FOG
9/10	.0	•0	.0	.0	1.1	3	•0	1.1
5	.0	.0	.0	1.1	.0	3	• 0	1.1
4	.0	.0	2.2	.7	.0		.0	3.0
3	.0	.0	.4	1.5	.0	5	.0	1.9
Ž	.0	.4	3.4	2.2	.0	16	. 4	5.6
1	.0	.7	6.7	.7	.0	22	.0	3.2
ō	. 0	1.9	11.6	2.6	.0	43	1.1	15.0
-1	.0	3.0	14.6	. 4	.0	48	1.5	16.5
-2	.5	5.2	16.5	.0	.0	5 Å	. 4	21.3
-3	.0	3.4	3.7	. 4	.0	20	.0	7.5
-4	.0	3.4	3.7	.0	.0	19	.7	6.4
-5	2.6	1.5	.,	.0	-0	13	.0	4.9
-6	٠.	.7	.0	.0	.0	2	. 5	.7
-7/-#	1.1	1.5	.0	.0	.0	7	.0	2.6
TOTAL	10		170		3		11	256
		58		26		257		
PCT	3.7	21.7	63.7	9.7	1.1	100.0	4.:	95.9

PERIOD: 'DVER-ALL) 1963-1973

TABLE 18
PCT FREG CF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

				~							NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.6	.0	.0	•0	.0	•0	2.6	.0	.0	•0	.0	2.6
1-2	.0	.0	.0	.0	.0	•0	•0	.0	•0	.0	.0	•0	.0	•0
3-4	. )	2.0	2.0	.0	.0	•0	3.5	•0	•0	.0	.0	•0	.0	•0
5-0	٠.	٠.	.0	.0	.0	•0	.0	•0	•0	.0	.0	•0	.0	.0
7	٠.	.0	*0	.0	.0	.0	•0	•0	•0	.0	•0	•0	•0	•0
8-9	•0	.0	•0	.0	.0	•0	•0	•0	•0	.0	•0	•0	.0	•0
10-11	.0	.0	• 0	.0	.0	•0	•0	•0	• 2	.0	•0	•0	•0	•0
15	•0	.0	•0	•0	.0	•0	•0	·c	•0	.0	•0	•0	•0	•0
13-16	٠,	.0	• 5	.0	.0	٠0	•0	•0	•0	.0	•0	•0	•0	•0
17-19	•0	.0	•0	.0	•0	.5	•0	•0	•0	-0	•0	•0	•0	•0
20-22	٠.	.0	•0	.0	٠.	•0	•0	•0	.0	.0	.0	•0	.0	•0
23-25	.0	٥.	•0	-0	٠,٥	•0	· 0	0.0	.0	.0	.0	•0	.0	•0
26-32	.0	.0	•0	.0	.0	•0	•0	•0	• 6	.0	•0	•0	.0	.0
33-40 41-48	•0	.0	.0	.0	.0	.0	•0		.0	.0	.0	•0	.0	•0
49-60	.0	.0			.5	•0	•0	.0	.0	.0	.0	.0	.0	•0
61-70	.0	.0	•0	.0		.0	•0	•0	ŏ	.0	.0	.0		.0
71-86	.0	.0	•0	.0	:č	.ŏ	ěŏ	.0		.0	:0	.ŏ		.ŏ
87+	.0	:0	•0	.0	.6		•0	ŏ	.0	.5		•0	.0	.6
TOT PCT	.0	2.0	2.0	ě	ě	.0	3.9	.0	2.6	ě		.0	.0	2.6
101	••		2.00	• • •	••	••	•••	••		••	•••	•••	•••	
				E							SE.			
MCT	1-3	4-10	11-21	£ 22-31	34-47	48+	PCT	1-3	4-10	11-21	5E 22+33	34-47	48+	PCT
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT 2.6	1-3	4=10	11-21	22-33	34-47		PCT
<1	.0	2.6	•0	22-33	.0	.0	2.6	•0	•0	.0	22-33	•0	.0	.0
<1 1-2	.0	9.5	•0	22-33 .0	.0	.0	2.6	•0	•0	.0	22-33 .0			
<1	.0	2.6	•0	22-33	.0	.0000	2.6 .0 .0	•0 •0 •0	.0	.0	22-33	•0	•0	.0
<1 1-2 3-4 5-0 7	.0	0.0 .0	•0	22-33 .0 .0	.0	.00	2.6 .0 .0	•0 •0 •0 •0	•0	.0	22+33 .0 .0 .0	•0	•0	•0
<1 1-2 3-4 5-6 7 8-9	.000	2.6 0.0	•0 •0	22-33 .0 .0	000000000000000000000000000000000000000	.0	2.6	•0 •0 •0 •0 •0	0000	.0	22+33 .0 .0 .0 .0	•0	•0	•0
<1 1-2 3-4 5-0 7 6-9 10-11	00000000	2.6 .0 .0	.0 .0 .0 .0	22-33	.00000000	.0	2.6	*0 *0 *0 *0 *0 *0	.00	•0	22-33 .0 .0 .0 .0	•0	• • • • • • • • • • • • • • • • • • • •	•0
1-2 3-4 5-0 7 8-9 10-11	000000000	2.6	•0	22-33 .0 .0 .0 .0 .0	000000000000000000000000000000000000000	.0	2.6 .0 .0 .0	*0 *0 *0 *0 *0 *0	.00	.00000000	22-33 .0 .0 .0 .0 .0	.0	• • • • • • • • • • • • • • • • • • • •	•0
<pre>&lt;1 1-2 3-4 5-0 7 6-9 10-11 12 13-16</pre>	0000000000	2.6	.0	22-33	000000000000000000000000000000000000000	.00	2.6	*0 *0 *0 *0 *0 *0 *0	000000000000000000000000000000000000000	000000000	22+33 .0 .0 .0 .0 .0 .0	.0	000000000	.0
<pre>&lt;1 1-2 3-4 5-0 7 6-9 10-11 12 13-16 17-19</pre>	00000000000	2.6	.0	22-33	000000000000000000000000000000000000000	.00	2.6	.0 .0 .0 .0 .0 .0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	22-33	•0	000000000000000000000000000000000000000	.0
<pre>&lt;1 1-2 3-4 5-0 7 6-9 10-11 12 13-16 17-19 20-22</pre>	0000000000000	2.6	.0	22-33		.00000000000000000000000000000000000000	2.6	.0 .0 .0 .0 .0 .0	000000000000000000000000000000000000000	000000000000	22-33	.0	000000000000000000000000000000000000000	.00
<pre>&lt;1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25</pre>	000000000000000000000000000000000000000	2.6000000000000000000000000000000000000	.0	22-33	000000000000000000000000000000000000000	.00000000000000000000000000000000000000	2.6	.0 .0 .0 .0 .0 .0 .0 .0	0000000000000	000000000000	22-33	.0	000000000000000000000000000000000000000	000000000000000000000000000000000000000
<pre>&lt;1 1-2 3-4 5-0 7 8-9 10-11 12 13-10 17-19 20-22 23-25 26-32</pre>	000000000000000000000000000000000000000	2.6000000000000000000000000000000000000	.0.0	22-33	000000000000000000000000000000000000000	.00000000000000000000000000000000000000	2.6	.0 .0 .0 .0 .0 .0 .0 .0 .0	000000000000000	000000000000000	22-33	.0	000000000000000000000000000000000000000	000000000000000000000000000000000000000
<1 1-2 3-4 5-6 7 6-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-60	000000000000000000000000000000000000000	2.6000000000000000000000000000000000000	.0	22-33	000000000000000000000000000000000000000		2 . 6 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0		000000000000000	000000000000000	22-33	.0	000000000000000000000000000000000000000	000000000000000000000000000000000000000
<1 1=2 3=4 5=0 7 8=9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48	000000000000000	.0	.0	22-33	000000000000000000000000000000000000000	.00000000000000000000000000000000000000	2 . 6 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0	.0000000000000000000000000000000000000	.00	000000000000000000000000000000000000000	22-33	.0	000000000000000000000000000000000000000	000000000000000000000000000000000000000
<1 1=2 3=4 5=0 7 8=9 10=11 12 13=16 17=19 20=22 23=25 23=40 41=48 49=60	000000000000000000000000000000000000000	.0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0	22-33	000000000000000000000000000000000000000		2 . 6 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.00	000000000000000000000000000000000000000	22-53	.0		000000000000000000000000000000000000000
<1 1=2 3=4 5=0 7 8=9 10=11 12 13=16 17=19 20=22 23=25 26=32 33=40 61=48 49=80 61=70	000000000000000000000000000000000000000	.00	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	22-33	000000000000000000000000000000000000000	.00	2.6000000000000000000000000000000000000	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.00		22-33	.00		
<1 1-2 3-4 5-6 7 6-9 10-11 12 13-16 17-19 20-22 23-25 23-40 41-68 49-60 61-70 71-86	000000000000000000000000000000000000000	.00	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	22-33 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	000000000000000000000000000000000000000		2 . 6 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0			22-33	.00		
<1 1=2 3=4 5=0 7 8=9 10=11 12 13=16 17=19 20=22 23=25 26=32 33=40 61=48 49=80 61=70	000000000000000000000000000000000000000	.00	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	22-33	000000000000000000000000000000000000000	.00	2.6000000000000000000000000000000000000	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.00		22-33	.00		

9ER100	: (Ave	R-ALL)	1943-	19/1					MARCH							
7 2 - 1 - 2 - 2	,,,		.,,,,,	47.3				TABLE	18 (60)	(T)			AREA	0010	\$00THW	EST JAVA SEA 0.88
					T FREQ	OF WIND	SPEED	(KTS)	AND 018	ECTION	VERSUS	SEA HEI	GHTS (FT	)		
HĢT	1-3	4-10	11-21	5 22-33	34-47	48+	PCT		1-1	4=10	11-21	32 22-33	34-47	48+	PLT	
<1	.0	.0	•0	•0	.0	•0	.0		2.6				•0	-0	2.6	
1-2	.0	٥.	•0	.0	.0	.0	.0		. 7				•0	.0	4.6	
3-4 5-0	.0	2.6	•0	•0	<b>*</b> 0	•0	2.6						.0	:0	1.0	
7	٠,	.0	•4	•0	• 0	•0	•0		.0	0			•0			
8-9	.3	• 0	•0	•0	.0	•0	•0		'n				•0	٠,	40	
10-11	.0	.0	•0	• 0	.0	•0	•0		•0	0			.0	.0	.0	
12	٠٠	.0	•0	•0	.0	•0	•0		.0	0			.0	.5	.0	
13-16	ŏ	.0	•0	•0	•0	•0	.0		•0		.0		•0	.0	.0	
17-19	č	.0	•^	•0	• ^	•0	•0		•0		.0		•0	.0	ŏ	
20-22	ě	.5		•0	.0	.0	•0		.0				• 5	.0	, 5	
23-25	ě	.0	.0	•0	•0	•0	•0		•0			•0	• 0	.0	.0	
26-32	.0	.č	•0	-0	.0	.0	• 0		.0				•0	.0	.0	
33-40	.5	.ŏ	.0	•0	•0	•0	•0		*0			•0	•0	.0	.0	
41-48		.0	•0	.0	•0	•0	•0		• 0		• • •	• 0	.0	.0	.0	
49-60	.5	.0	•0	•0	.0	•0	•0		•0			-0	•0	•0	.0	
61-70	.0	.0		•0	.0	.0	•0		•0			•0	•0	+0	.0	
71-66	. 5	.0	•0	.0	.0	•0	.0		•0			٠.	•0	.0	.0	
473	.0	.0		•0		.0	•0		•0			•0	•0	•0	.0	
TOT PCT	.0	2.6	.0	.0		•0	2.6		.0 3.3			.0	•0	.0	.0	
				• •	•••	•••	2.00		,,,	3.7	•0	.0	•€	•0	7.2	
HGT	1-3	4-10	11-2:	22-33	34-47	48.						NW				TOTAL
<1		7.2	9.	.0	,n		PCT		1-3		11-21	22-33	34-47	43.	PCT	PCT
1-2	3.9	16.4	• 1	.0	•0	•0	7.2		•0	.7	.0	.0	• D	.0	.7	
3-4	. 3	3.9	4.6	.0	•6	•0	20.4		• 7	0.3	5.3	•0	• 0	.0	14.5	
5-0	. 0	.0	2.6	ŏ	.0	•0	2.6		•0	7.2	6.6	-0	•0	.0	13.8	
1	40	.0	• 2	•0	.0	•5	•0		*0		.0	•0	•0	.0	.0	
8-9		-0	• 0	• 2	.0	.5	•0		•0	•0	•0	•0	•0	.0	.0	
10-11	• 0	•0	•0	٠ŏ	•0	•0	ěŏ		• 0	•0	•0	٠0	•0	• 0	• 0	
12	ن ٠	-0	• 0	.0	.0	.0	•0		.0	•0	•0	•0	•0	•0	.0	
13-16	.0	•0	• 0	•0	.0	•0	• 6		ő	.0	.0	٠٥	•0	•0	.0	
17-19	•0	• €	• 6	•0	.0	•0	.0			.0	.0	•0	•0	•0	.0	
20-22	.0	• 0	• ^	• 0	0	•0	•0			.0	.0			•0	•0	
23-25	• 0	.0	• 0	-0	• 2	-0	.0		• 0	.0	.0	•0	•0	•0	.0	
26-32	٠٥	• 0	•0	+0	•0	•0	• C		•0	.0	.0	•0	•0	•0	•0	
33-40	•0	•0	• 0	•0	•0	•0	.0		.0	٥٥	.0	.0	•0	•0	•0	
41-48	•0	.0	•0	•0	.0	• 0	•0		.0		.0	.0	•0	.0	•0	
49-60 61-70	• 2	•0	•0	<b>40</b>	•0	•0	•0		.0	.0	.0	.0	•0	.5	.0	
71-86	• C	•0	•^	•0	•0	• 0	•0		• 0	• 0	.0	.0	.0	.5	.0	
27+	• 5	•0	• 2	•0	• 0	•0	•^		• ^	•0	.0	.0	.0		.0	
701 PCT	3.9		-0	•0	•0	•3	• 0		.0	•0		.0	•0	.0	.0	
101 20	3.7	27.6	7.2	•0	•0	•0	38.8		•7	16,4	11.8	.0	.0	.5	28.9	86.8

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-35	34-47	48+	PCT	TOT
<1	15.8	13.2	٠.	.0	.0	.0	28.9	DBS
1-2	5.3	26.9	5.3	Ö	.0	.0	39.5	
3-4	.0	15.4	13.2		.0	.0	28.9	
5-6	.0	.0	2.6		.0	.0		
7	.0	.0	0	ě			2.6	
8-9	ě	.0				• • •	۰٥	
10-11			•6	•0	.0	.0	.0	
12	•0	•0	.0	•0	.0	.0	.0	
13-16	• •	.0	.0	•0	.0	.0	.0	
	.0	•0	.0	.0	. 2	.0	.0	
17-19	.3	.0	٠0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	•0	
*3-25	.0	.0	.0	.0	.0	.0	.0	
20-32	.0	.0	.0	.0	.0	.õ		
33-40	.0	.0	·c	Š	.õ	.0	ö	
41-48	.0	.0	·č		.0			
49-60	.5	·ŏ		.0	.6	٥٠	•0	
41-70		.ŏ	.č			.0	•0	
71-86				•0	.0	.0	.0	
#7 <b>+</b>		•0	•0	.0	.0	.0	•0	
7,74	.0	•0	• 0	.0	.0	.0	•0	
TOT PET	21.1	57.9	21.1	.0	.0	.0	100-0	38

PERCENT	FREQUENCY	QF	HFATHER	DCCURRENCE	81	WIND	DIRECTION
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												Se i filia			
			•	RECIPI	TATIO	TYPE			•		OTHER	HEATHER	PHEND	HENA	
FIG DN#	RAIN	RAIN SHWR	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST HOUR	THOR LTNG	FOG NO PCPN	POG WU PCPN PAST HR	540KE H4 <u>2</u> E	SPRAY BLWG DUST BLWG SNOW	NU SIR MEN
N NE E S S S N N VAR CAL	.0 4.3 1.7 4.6 10.0 2.4 3.3 3.7	5,2 6,9 3,3 2,4 10,0 3,7	.0 .0 2.3 .0 .0 1.7 1.9	.00000000000000000000000000000000000000	000000000000	00000000000	000000000000	13.8 13.8 13.9 15.0	.0 .0 2.3 .0 .0 .0	4.7 10.9 11.6 7.5 16.7 12.2 5.0 1.9	.C 2.2 7.7 .0 6.7 .0 3.3 3.7	.00	.0 .0 .0 .0 .0 .0	•0 •0 •0 •0 •0 •0	95.3 82.6 75.5 76.4 73.3 80.5 78.3 87.0 85.7
TOT PCT TOT CBS:	3.3 242	4.5	.8	.0	•0	•0	•0	8.7	.4	5.7	3.3	.0		.0	79.8

TABLE 2

PERCENT F	FREQUENCY	۵F	HEATHER	DCCURRENCE	βy	HOUR	
-----------	-----------	----	---------	------------	----	------	--

			,	RFCIPI	CITATIO	N TYPE					OTHER	WEATHER	PHENO	HENA	
HC JR (GMT)	RAIN	PAIN SmpR	CR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	MAIL	PCPY AT	PCPN PAST HOUR	THOR LTNG	FDG WD PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY RENG OUST BENG SNOW	
00603 06609 12615 18621	2.3 1.4 1.6 7.1	2.3 5.6 4.9 3.5	2.3 0. 0.	.0	.0	.0	.000	6.8 7.0 6.6 11.8	.0 1.6	.0 .0 !!.5	2.3 2.8 1.6 5.9	.0	.0 1.6 1.2	•0	90.9 90.1 78.7 67.1
TOT PCT TOT CBS:	3.4 261	4.2	. 8	.0	•0	•0	•0	6.4	.4	5.8	3.4	.0	.8	•0	80,1

TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

#NO DIR	0-3	#10	ND SPE 11-21	ED 1K4 72-33	075) 34-47	48+	TOTAL	PCT FREQ	464N SPD	on	03	06	H3UR 09	(GHT)	15	18	21
NE E SE S S+ N. VAR CALM TOT CBS	2.3 2.7 4.4 5.5 3.3 2.9 3.6 2.2 .0 9.1 246 36.0	2.7 5 16.0 12.1 4.0 4.2 5.3 5.3 -0 363 56.1	389 1.90 1.00 1.00 5.5	.00.11.00	000000000000000000000000000000000000000		683	5.4 9.1 22.5 19.3 7.6 7.7 11.9 8.6 9.1	4.7 5.5 6.5 5.3 4.6 5.4 6.1 .0 5.2	.7 4.7 22.4 26.8 13.8 6.3 11.2 4.4 .0 10.6	9.1 18.2 40.9 4.5 .0 4.5 22.7 .0	11.1 22.1 17.2 7.2 5.7 12.1 4.3 .0	17.4 20.8 6.2 3.4 1.1 5.6 19.7	5.3 7.8 9.2 15.1 .0 7.3	14.7 5.9 11.8 5.9 23.5 23.5 11.8	2.4 9.3 25.0 17.1 7.7 10.5 14.1 5.6 .0 7.3	1.3 2.6 18.7 29.6 8.7 11.3 16.1 4.8 .3 7.0 115

Ŷ۵	Rı	F	34	

HIC OFF	G <b>-</b> 6	#IND 7-16	\$9:E0 17-27	1KNCTS 1 28-40	41+	TOTAL UBS	PCT FREQ	MEAN SPD	00 03	H3U1 66 69	12 12 15	) 18 21
NE E SE	4.3 6.0 14.4 13.1 6.3 5.6 7.7 6.1 9.1 9.1 9.2 73.2	1.1 2.5 7.3 5.1 1.2 1.9 3.7 2.0 .0	.0	.0	.00000000000000000000000000000000000000	683	5.4 9.1 22.5 18.3 7.6 7.7 11.9 8.6 9.1	4.7 5.5 6.5 5.3 4.6 5.4 6.4 6.0	5.0 28.3 12.9 5.6 10.5 6.3 107 107	12.6 5.0 3.8 9.4 10.8 10.8 211	7.5 10.3 24.6 10.1 5.4 9.9 11.1 13.1 7.9 126 100.0	1.9 22.5 23.1 8.2 10.9 15.1 5.2 7.1 239 100.0

PERIOD:	(PRIMARY)	1914-1972
	IOUES	1000 .000

TAPLE 4

AREA 0010 SQUTHMEST JAVA SEA 5.55 108.7E

BEBCENTAGE	ERCOHENCY	0.5	PINE	CAEED	 MOUS	/CHT1

				WIND	SPEED (	KNOTS)			PCT	TOTAL
HOUR	CALM	1-3	4-10		22-33		48+	MEAN	FREQ	DBS
00603	9.3	29.0	56.1	4.7	.9	.0	.0	5.1	100.0	107
90360	11.8	78.4	48.8	10.0	. 9	.0	.0	5.2	100.0	211
12615	7.9	23.0	62.7	6.3	.0	.0	.0		100.0	126
18621	7.1	26.8	59.0	7.1	.0	.0	.0		100.0	239
TOT	62	184	363	51	3	ŏ	Ö	5.2		683
PCT	9.1	26.9	56	7.5					100 0	

TAPLE 5

TABLE 6

P	CT FRE			CL 3UD #							CEILIN MH <5/							
WND DIR	0-2	3-4	5-7	8 E 08500	TOTAL	MEAN CLOUD COVER	000 149	150 294	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 79 <b>9</b> 9	8000+	NH <5/8	
N	.0	1.0	.0	•0		4.2	•0	•0	.0	.0	.0	.0	.0	• 2	•0	.0	1.0	
ΝE	6,5	.3	. 3	1.3		2.5	•0	.0	1.3	.0	.ŏ	.0	. 0	.0	.,	.0	7.1	
£	7.2	19.5	9.1	7.5		4.3	•0		1.3	1.0	2.6	1.3	.0	•0	.0	•0		
SE	4.5	8.1	7.5	1.9		4.4	•0	.0	.0	1.6	2.6	1.3	. 0	•0	.0		16.6	
S	1.3	2.3	.0	1.0		3.7	•0	.0	, 0	.0	.0	.0	.0	• •	•0	.0		
Sir	1.3	.0	1.9	•0		3.0	•0	.0	.0	.0	.0	-0	.0	.0	.0	.0	3.2	
¥	1.3	2.6	2.9	1.0		4.9	•0	.0	.0	1.0	•0	.0	.0	• 0	•0	1.	5.5	
NH	.0	1.3	1.6	. 3		5.5	•0	• 0	.0	.3	.0	ě	1.3		•0	1.0	1.6	
VAR	.0	.0	•0	• 0		•0	•0	. 6	Ö	.0	.0	.c		.0	ěŏ		••0	
CALM	1.3	2.6	2.6	•0		4.2	•0	.0	ō		.0	.c		•0	•0	.0		
TOT DBS	18	29	20	16	77		ŏ	- "	·,	. 3	• • •	• • •	• ,	• 0	• • • •	• • •	64	77
TOT PCT	23.4	37.7	26.0	13.0	100.0		•ŏ	•0	2,6	3.9	5.2	2.6	1.3	• č	+0	13	83.1	100.0

TARLE 7

# CUMULATIVE PCT FREQ DF SIMULTANEOUS DCCURRENCE DF CEILING HEIGHT (NH >4/8) AND VSBY (NH)

				VSBY (NH	1)			
CEILING	• OR	= OR	= DR	* 7R	• DR	= OR	= OR	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
= OR >6500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
<ul> <li>BR &gt;5000</li> </ul>	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
■ DR >3500	3.8	3.8	3.1	3.8	3.4	3.8	3.1	3.8
■ DR >2000	6.4	0.4	6.4	0.4	6.4	6.4	6.4	6.4
■ DR >1000	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
<ul> <li>DR &gt;600</li> </ul>	15.4	15.4	.5.4	15.4	15.4	15.4	15.4	15.4
<ul> <li>OR &gt;300</li> </ul>	16.7	16.7	16.7	16.7	16.7	17.9	17.9	17.9
■ DR >150	16.7	16.7	16.7	16.7	16.7	17.9	17.9	17.9
• BR > 0	16.7	16.7	16.7	16.7	16.7	17.9	17.9	17.9
TOTAL	12	13	1 2		13	- ::		

TOTAL NUMBER OF OBS: 78

PCT FREQ NH <5/81 82.1

TABLE 7A

### PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 9 6 7 8 DBSCO DBS 11:0 14:6 22:0 14:6 17:1 3:7 6:1 4:9 6:1 0 82

								A	PRIL						
PERIOD: (PR	IMARY) 1 Er-all) 1	914-1972 857 <b>-</b> 1972						TA	BLE B				ARE		SQUTHWEST AVA S
			PI	FRCENT		OF WIN								E OF	
	VSBY (NM)		4	NF	E	\$ E	S	\$.		Nn.	VAR	CALM	PCT	TOTAL	
	<b>&lt;</b> 1/2	PCP NO PCP TOT \$	.0	.0	.0	•0	.0	• • • • • • • • • • • • • • • • • • • •	.0	.0 .0	0. 0.	.0	.0		
	1/2<1	PCP NO PCP TOT #	0.00	.0	.0	.0	.0		.0	•2 •0 •2	.0	•0	.0		
	1<2	PCP NO PCP TOT %	0. 0.	.0	.0	•0	•0	.2	.0 .0	.0 .0	.0	•0 •0	.0		
	2<5	PCP NO PCP TOT \$	.c .c	1.2	•0	.0 .2 .2	.0	•0	.0	.0	.0	.0 .8	2.5 2.5		
	5<10	PCP NO PCP TOT %	2.1 2.1	3.3 3.3	.8 5.0 5.8	2.5 3.8 6.3	.9 2.2 3.0	.4 4.5 5.0	1.7 5.4 7.0	.8 6.6 7.4	.0	.0 2.1 2.1			
	19+	PCP NO PCP TOT %	2.4 2.4	4.5 5.0	16.4 16.8	.0 11.5 11.5	.0 3.0 3.0	3.1 3.1	5.2 5.2	.0 3.5 3.5	•0	.0 2.9 2.9	.8 52.5 53.3		
		TOT NAS	4.4	9.5	24.1	18.0	6.2	8.5	12.4	11.2	•0	5.8	100.0	242	

TABLE 9

	£D												
VSBY (NH)	SPD	<b>~</b>	NE	E	SE	S	Sh	*	NW	VAR	CALM	PCT	TOTAL
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10		.5	.ŏ	.0	.0		. ö	ŏ	.0	•••	.0	
	11-21	.5		.0	.ŏ	ŏ		.0	ě			.ŏ	
	22+	.5	.0	.3	.0	.0	.0	. 0	.ŏ	.0		دَ	
	TOT %	.0	.0	.3	.ŏ	.0	.ŏ		.0	.0	.0	.3	
	101	••		.,	•0	•0	.0		.0		••	•••	
	0-3	.0	.0	•0	•1	. 2	.0	.0	.0	.0	.0	.3	
1/2<1	4-10	٠.	.0	• 0	•0	•0	.0	.1	.1	٠.		.3	
	11-21	.0	٠0	• 0	•0	.0	•0	.0	.0	.0		•0	
	22+	٠.٥	.0	•0	•0	.0	.0	.0	.0	.0		•0	
	TOT %	.0	.0	•0	• 1	. 2	•0	. 1	. 1	.0	.0	.5	
	0-3	.0	• 2	.0	.0	.0	.0	.0	.0	.0	.3	.3	
1<2	4-10	.0	.0	.0	.0	.0	. 3	.0	.0	. 0		. 3	
	11-21	.0	.0	• 0	.0	.0	.0	.0	.0	.0		.0	
	22+	. 2	. 0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	, 5	
	0-3	.0	. 3	.0	.5	.0	.3	. 3	.0	٠.	.5	1.9	
2<5	4-10	.0	. 8	• 0	,7	.1	.0	.0	.0	.0		1.6	
• 1.5	11-21		.5	.0	. 0			, õ	.0	.ŏ		ō	
	22+	.0	.0	.0	.0	ŏ	.0	.0	.0	.ŏ		.5	
	TOT %	.0	1.1	.0	1.2	.1	.3	. 3	.o	.0	.5	3.5	
	0-3	. 3	.3	.3	1.1	. 5	.4	1.0	.5	.0	1.9	6.3	
5<10	4-10	1.1		4.1	3.2	1.4	2.6	2.5	3.4		1.7	19.6	
3410	11-21		1.4	*:5	.0		2:3	1.2	1.0			3,8	
						.3				.0			
	22+	0		. 0	0	0	.0	.0	.0	.0			
	TOT %	1.4	2.2	4.9	4.3	2.2	3.3	4.6	4.9	.0	1.9	29.7	
	0-3	1.2	2.5	3.3	4.0	1.9	2.2	2.6	1.8	.0	6.5	25.9	
10+	4-10	1.6	3.3	11.6	7,5	2.8	1.6	3.7	3.5	.0		35.7	
	11-21	. 2	.3	1.4	.5	• 0	- 1	1.1	.1	.0		3,5	
	22+	.0	.0	• 2	• 1	.0	.0	.0	.0	.0		.3	
	TOT %	2.4	6.1	16.4	12.1	4.7	4.0	7.4	5.4	.0	6.5	65.4	
7	TOT DAS												367
1	OT PCT	+ 2	7.4	21.0	17.6	7.3	7.0	12.4	10.5	.0	9.2	100.0	

•		٠

PERIODI	(PRIMARY)	1914-1972
	(DUES-ALL)	1867-1072

AREA 0010 SBUTHWEST JAVA SEA 5.55 108.7E

# PERCENT FREQUENCY OF CRICING HEIGHTS (FEET,NH >6/8) AND OCCURRENCE OF NH <5/6 BY HOUR

HOUR (GHT)	000 149		300 599	999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00603	.0	.0	.0	12.5	6.3	•0	.0	.0	.0	•0	18.8	81.3	16
90360	.0	.0	9.5	4.6	.0	•0	.0	.0	.0	•0	14.3	85.7	21
12615	.0	.0	.0	.0	.0	9.1	4.5	.0	.0	•0	13.6	\$6.4	22
18621	.0	.0	.0	•0	15.0	.0	5.0	.0	.0	5.0	25.0	75.0	20
TOT	0	0	2.5	3.8	5.1	2.5	2.5	0	0	1.3	17	65	79

TABLE 11

		PERCENT	FRFQUEN	CY VSBY	(NH)	BY HSUR	l	CUMULAT	IVE PCT CEILIN	FREQ IS HGT	OF RAN	GFS DF NH >4/8	(MF) YBZV RUCH YBEC	AND/OR
MOUR (GMT)	<1/2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TOTAL CBS</th> <th>HOUR (GMT)</th> <th>&lt;150 &gt;40YD</th> <th>&lt;600 &lt;1</th> <th>&lt;1000 &lt;5</th> <th>1000+ 4N05+</th> <th>NH &lt;5/8 AND 5+</th> <th>TOTAL ENS</th>	2<5	5<10	10+	TOTAL CBS	HOUR (GMT)	<150 >40YD	<600 <1	<1000 <5	1000+ 4N05+	NH <5/8 AND 5+	TOTAL ENS
00803	.5	.0	•¢	3 3	33.3	63.3	60	60300	•0	.0	12,5	6.3	81.3	16
90360	٠,	.5	.,	1.9	28.3	67.9	106	90360	.0	9.5	14.3	•5	85.7	21
12615	.0	1.2	•c	4.7	28.2	65.9	85	12615	•0	.0	.0	14.3	85.7	21
18621	•0	.7	1.5	3.7	34.8	59.3	135	18821	•0	.0	.0	25.0	75.0	20
787 PCT	.3	.5	3 • 6	°3	121	246 63.7	386 100.0	TOT PCT	.0	2 2.6	6,4	9 11.5	64 82.1	76 190-0

	TAALE 13														TABL	E 14				
	PERCENT FREQUENCY OF PELATIVE HUMIDITY BY TEMP TOTAL PCT TEMP F 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 DBS FREQ											PERC	ENT FR	EQUENC	Y 0F w	140 01	RECTIO	N 84 TI	Ewp	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	385	PREQ	٧.	NE	E	SE	5	S₩	×	NW	VAR	CALM
95/99	.0	.0	.0	•0	.6	•0	.0	.0	1	.6	•0	.0	.4	. 1	. a	.0		•	^	•
90/94	.0	.0	.0	•0	.0	. 6	.0		ĩ	.6	.4	•		:		.ŏ	.0	.0	.0	.,
85/89	.0	.0	.0	•0		9.5	5.6	1.7	34	19.0	2.0	1.3	7.0	2.4	٠.					
80/84	.0	.0		.6		27.9	40.2	2.8	130	72.6	2.5	6.7	19.6	11.2	4:2	1.1	8	1.7	.0	2.2
75/79	.0	.0					1.1	:.6	13	7.3						7.8	10.3	9.2	•0	1.1
TOTAL	Ğ	ő			• • •	69	84	18		100.0	.0	.6	. 8	2.5	1.1	.0	2.2	•0	•0	.0
PCT	• 0	.0	• 0	•6	3.9	38.5	46.9	10.1	•		4.9	8.7	27.8	16.2	5.9	8.9	13.4	10.9	٠,0	3.4

				TAI	LE 15									TABLE	16			
	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEC F) BY HOU								Y HOUR		PERC	ENT FRE	ONENCA	GF RELA	TIVE H	YTIGIMU	BY HOUS	t
HQUR (GHT) 00£03 06£09 12£15 18£21 TOT	94 95 90 88 95	99% 90 92 87 86 90	95% 87 89 86 85 87	50% 53 64 83 82 83	5% 80 80 79 79	1% 78 75 78 77 77	78 74 76 75 74	MEAN 83.0 84.1 82.7 81.9 82.9	TOTAL OBS 106 190 125 246 667	HDUR (GMT) 00603 06609 12615 18621 TDT	0=29 .0 .0 .0	30-59 3.3 .0 .0	60-69 11-3 2-4 -0 7	70-79 36.7 49.1 43.9 23.0 72	50.0 28.3 46.3 63.5 96	90-100 10.0 11.3 7.3 13.5 22	#EAN 81 79 80 83 81	TOTAL DBS 30 53 41 74 198

APRIL

PERIO: (PRIMARY) 1914-1472 (CVER-ALL) 1857-1972

TABLE 17

AREA 0010 SOUTHWEST JAVA SEA 5.95 108,76

PLT FRED OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	77	61	65	89	>92	TOT		N3
THP DIF	80	84	86	95			FÜS	FOG
7/8	.0	.5	.0	1.0	.5	4	•0	1.9
5	٠.	.0	.c	. 5	.0	1	. 5	
4		. 5	1.5	.0	.0	Ĭ.	•0	1.9
3	.0	• 0	1.9	. 5	.0	5	•0	2.4
5 4 3 2 1 0	.0	4.9	2.4	. 5	.0	16	.5	7.3
	. 5	3.9	2.9		.c	15	1.0	6.3
ē	. 5	16.5	2.9	. 0	.0	41	1.0	18.9
-1	. 5	9.2	2.9		٠.۵	26	. 5	12.1
-3	.5	20.9	1.9	۰	.0	47	.5	22.3
-2 -3	. 5	8.7	.c	.0	.0	19	. ś	8.7
-4	1.9	6.3	.0		.0	17		8.3
-5	1.5	1.0	.c	, c	.0	5	.5	1.9
-6	1.9	. 5	.c		.0	5	้ำ	2.4
-7/-6		. 6	ŏ.	ě	.0	í	. 0	•.5
TOTAL	.6	•••	34	••	i	•	٠	197
		150	,-	5	•	205	,	477
PCT	7.8		16.5	2.4	.5	120.3	4.4	95.6

PERIOD: (OVER-ALL) 1963-1972

				PC	T FREC	OF WIND	SPEEC	INTS) AND DIRE	CTION V	ERSUS S	SEA HEIC	HTS IFT	,		
HST	1-3	4-10	11-2;	22-33	347	*8*	PCT	1-3	4-10		NE 22-33				
<1 ·		.0		.0	.0	•.0	• C	•0	••••	11-21		34-47	48+	PCT	
1-2	.5	.5		.5		.0	.0	.0	3.2	4.0	•0	•0	.0	0	
3-4		.5	.0	.0	.5		.0		3.2	•.0	٠.	•0	• 2	7.3	
5-0	, ś	.5	• ``	.5	,5		.0		.5	.0	•0	•0	•0	3.2	
7				.5	ຸ້າ		.0	ě	.0	•0	٠.	•0	.5	.0	
8-9	: 5	.5	:	•0	• 6		.0	.0		.0	•0	•0	•0	•0	
.0-11		.0		.5		3.		ě	.0		•0	•0	.0	•0	
12	. 3	.0	. 0	.5	.0	.5	č			.0	•0	•0	:6	.0	
.3-16	. 3	.0	•6	.0	ž	.5		ő	ŏ	.0	•0	.0	:5	.0	
-10	. 3	.0		.5		.5		.0	.0	.0	.0	•0	.0	.0	
20-22	. 5	. 6		• 2	.0	.0		.0	.0		.0	• 5	.0	.0	
23-25	.0	.0			.0				.0	.0	.0	.0	.ŏ	.0	
26-32	. 3	.0	• *	• 2		.0	.0	.0	.0	.0	•0	•0	٥٠	.0	
33-43	• 2	.0	• ^	. 2	.0	.0	.0	.0	.0		.0	,0	.5	.0	
41-46	.:	.0	•′	•0	.0	-0	• 0		.0	.0		.0	.0	.0	
49-60	• 0	.0	• 0	.0	•^	.0	.0	.0	.0	.0	•0	.0	.0	.0	
61-70	• 3	.0	• 0	•0	,0	.0	• (	.0	.0	40	.0	•0	.0	.0	
71-86	• ?	•0	• 0	.0	• • •	. 0	• 0	•0	•0	.0	.0	• 0	.5	.0	
87+	.0	.0	• (	.0	.0	.0	•C	•0	•0	•0	-0	.0	.0	.0	
TOT PET	.0	.0	•0	. 0	.0	•0	•0	•0	6.5	4.0	-0	٥٠	.0	10.	
HGT	1-3	4-10	11-21	£ 22-33	34-47	48+	PET	1-3	4-10	11-21	32-33	34-47	48+	PCT	
<1		3.2		.0	.0	•0	3.2	.0	3.2	•0	•0				
1-2	3.2	12.1	4.9			.5	20.2	3.2	11.3	.8	.0	•0	.0	3.2	
3-4	• 1/	10.5	3.2	2.4	.0		16.1	.0	12.1	3.2	.š	.0	:6	16.1	
5-6	. 5	.5	.0	.0	.0		.0	,0			.0	,0		•••	
7	• 2	.0	•0	.0	.0	.0	.0	, 0	ō	.0	.0	.0	·ŏ	.0	
8-9	• 2	٠٥.	.0	3.2	.0	. 5	3.2	. 0	.0	.0		.0		.0	
10-11	. )	.0	•0	-0	. າ	•0	•0	.0	.0	.0	.0	•0		•0	
12	.;	.0	• ^	• 0	.0	•0	.0	. ,	.0	.0	•0	•0	.0	.0	
:3-:6	• 2	.0	• (	.0	.0	•0	.0	•0	.0	.0	.0	.0		•0	
17-19	• }	٠.	• *	•0	.0	.0	•0	•0	•0	•0	-0	•0	.0	.0	
20-22	• 2	• 0	• ?	۰,	• 0	•0	•0	•0	.0	.0	• 0	•0	.0	.0	
/3-25	• ?	.0	• 0	• •	.0		•0	•0	•0	•0	.0	•0	٠.	•0	
50-35	• 0	.0	• ?	.0	• ?	.0	•0	•0	•0	•0	.0	• 0	.0	.0	
33-40	• 5	.0	•0	•0	.5	•0	•0	9.0	•0	.0	•0	•0	.0	.0	
49-60	• ?	.0	• '	•0	•0	٠٥	•0	•0	•0	•0	.0	•0	٠.	• ^	
61-70	٠,٥	• ?	•6	•0	.0	•0	.0	• 0	•0	•0	•0	•0	, ,	.0	
71-86	.,	•0	• ^	•0	•0	٠.	•0	•0	•0	.0	•0	•0	.0	•0	
87+	.5	٠,	•0	•0	•0	.0	•0	•0	•0	.0	• 0	•0	.0	•0	
** T PCT	3.2	25.8	•0	•0	• ?	•0	0	• ?		.0	.0	•0	, 0	•0	
11 -61	3 . C	(3.6	8 . 1	6	•0	•0	42.7	2.2	26.6	4.0		•0	.0	34.7	

PERIOD	): (QVE	R-ALL)	1963~	1972					APRIL							
				• · · · ·				TABLE	18 (CONT	;			AREA	. 6010 5.	50075W 55 10	EST JAVA SEA 8.7E
				P	CT FREQ	OF #140	SPEED	(KTS)	AND DIREC	TION '	VERSUS :	SEA HEI	GHTS EFT			
HST	1-3	4-10	11-21	S 22-33	34-47							Sw				
<1	•0		.0	.0	.0	<b>48</b> +	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	
1-8	.0	2.4	.0			.0	2.4		3.2	.0	2.	.0	•0	.0	.0	
3-4	٠.	.0	.0	ě		.0			3,6	.0	.5	.0	•0	•0	3.2	
5-6	•0	.0	•0	٥٠	7.	.0	·č		. 6		.0	•0	•0	•0	•0	
.7.	•0	.0	•0	.0	.6	.0	• 2		.0		.0	•0	•0	•0	•0	
8-9	•0	.0	•0	.0	.0	.0	.0		ő	ŏ	.0	•0	•0	• 0	•0	
10-11	•0	.0	•0	۰0	.0	.0	.0		.0		ŏ	.0	.0	•0	•0	
13-16	.0	.0	.0	•0	• 0	.0	.0		.0	.0	.0	.0	.0	.0	•0	
17-19	.0	.0	•0	•0	•0	.0	•0		.0	.0	.0	.0	ěŏ	.0	.0	
20-22	.0	.0	٠.	.0	•0	٠,	•0		.0	.0	.0	.0	ěŏ		•0	
23-25	.0	•0	2.	•0	.0	.0	.0		٥,	.0	.0	•0	.0	.0	.0	
20-32	.0	.0	.0	•0	.0	• • • •	•0		•0	.0	.0	.0	•0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0		•0	•0	.0	.0	•0	•0	.0	
41-48	ò	.0	٥٠	.ŏ	.0	.0	•0		•0	•0	.0	•0	•0	•0	•0	
49-60	.0	.0	.0	.0	.0		•0		•0	•0	2.	•0	•0	•0	•0	
61-70	•0	.0	.0	.0	ő		.0		• • • • • • • • • • • • • • • • • • • •	• 0	•0	•0	•0	•0	•0	
71-86	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	•0	•0	•0	.0	
87+	•0	.0	٠,	.0	.0		٠٥		ě	.0	•0	.0	•0	•0	.0	
TOT PCT	.c	2.4	•0	.0	.0	.5	2.4		3, 2	.0	.0	•0	•0	•0	•0	
									- • •	•••	• • •	.0	•0	•0	3.2	
HGT	1-3	\$ <b>-10</b>	11-21	2:-33	34-47	48+	•••					NW				TOTAL
<1	.0	.0	.0	.0	.0	5	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
1-2	.0	5.5	.0	•0	.0	.0	5.6		• 7	•0	•0	•0	•0	•0	-0	•
3-4	.0	.0	.0	.0	ő	.5	.0		.0	. 5	•0	•0	•0	•0	. 8	
5-6	•0	•0	.0	•0	.0	.ŏ	ě		.0	.0	.0	.0	•0	• • •	• 5	
.7.	.0	•0	•0	.0		.0	.0		ő	ŏ	.0	.0	•0	•0	•0	
5-9	-0	• 0	•0	•0	.0	.0	.0		ñ	.0	.0	.0	•0	•0	•0	
10-11	٠.٥	٠٥	.0	•0	.0	.0	.0		.0	ě	.0	.0	•0	•0	•0	
12 13~10	٠.	•0	•0	•0	.0	.0	.0		.0	• 5	.0	.0	•0	•0	•0	
17-19	.0	.0	•0	•0	.0	٠.	.0		.0	. Ü	.0	.0	•0		.0	
20-22	.5	.0	•0	•0	•0	.0	• 0		•0	•0	.0		.0	.0	•0	
23-25	.č	.0	۰۰	.0	.0	.0	•0		•0	.0	.0	.0	•0	ŏ	.0	
25-32	ŏ	-0	•0	٠,	.0	.0	•0		۰٥	•0	.0	.0	•0		•0	
23-40	.5	.5	•0	.3	.0	•0	•0		•0	•0	.0	.0	•0	•0	• 6	
41-48	.0	.0	.0	۰۰	.0	•0	•¢		• 0	•0	.0	.0	•0	•0	.0	
49-60	.0	.0	•0	.0	.0	.0	٠.٥		• 0	•0	.0	.0	.0	•0	•0	
61-70	.0	.0	.0	.0	.0	.0	•0		•0	•0	•0	٠.	•0	•0	•0	
71-86	.0	-0	.0	.5	.0	.0	.0		.0	.0	.0	.0	۵,	٠0	.0	
87+	.c	.0	• 0	.0	,c	.5	•0		•n		.0	.0	•0	.0	•0	
TOT PCT	•0	5.6	•0	. 6	.0		5.6		•0	.0	•0	٠0	•0	•0	•0	
					-				• .,	• •	• 0	.0	•0	-0	.8	100.0

	MIND	SPEED	(KTS)	VS SEA	HE LGHT	1=73		
HOT	0 -3	4-10	11-21	22-33	34-47	48+	PCT	TOT
41 1-2	9.7	35.5	.0	• 0	.0	.0	6.5	285
3-4	7.0		9.7	.0	٠.	• 0	54.8	
5-6		25.8	6.5	3,2	.0	.0	35.5	
7	•0	•0	•0	•0	.0	.0	٠.	
	•0	.0	.0	,0	.0	.0	.0	
8-9	• 0	•0	.0	3,2	.0	• •	3,2	
10-11	•0	•0	.0	.0	.0	.0	.0	
15	•0	.0	.с	. 0	.0	.0	ě	
13-16	•0	.0	.0	.0	.0	.0	.0	
17-19	•0	.0	.c	ő		.0	٥٠	
20-22	-0	. 5		.0		.0		
23-25	٠٥	.5			.ŏ		.0	
25-32	•0	.0				.0	۰,٥	
33-40	•0	٥٠		•0	.0	.0	.0	
41-48	·ŏ			• 0	.0	•0	.0	
49-60		٠,	٠.0	•0	.0	.0	۰.0	
	•0	• 0	-0	•0	.0	.0	.0	
61-70	•0	••	.0	•0	.0	.0	.0	
71-66	•0	•0	٠.	•0	40	• 0	.0	
874	-0	۰.0	٠٥	.0	.0	.0	.ŏ	
TET PET	9.7	67.7	16.1	6.5	.0	•0	100.0	31

PERIO	D: (0V	FA-4LI	) 195	0-197	2				TABLE	19											
					PFRCENT	FRE	QUENCY OF	MAY	/E ME [	SHT (F	r) vs :	MAYE PI	ERIDO	(SECON	05)						
PERIO,	<1	1-2	3-4	>-6	7	8-9	10-11									49-80	61-70	71-86	87+	TOTAL	MEAN
<b>46</b> 6−7	19.0	30.2	22.2 4.8	4,8	.0	.0	•0	.0	.0	٠.	:0	.0	.0	.0	.0	.0	.0	•0	.0	48	451
8-9 10-11	•0	1.6	.0	1.6	.0	.0	:0	.0	.0	:0	.0	:0	.0	•0	.0	.0	.0	•0	.0	3	3
12-13	•0	.0	1.6	.o	.0	1.6	•0	:0	.0	:0	:0	.0	.0	•0	.0	.0	.0	:0	.0	ž	3
>13 INDET /OTAL	1.6	7.9	1.6	1.6	:0	.0	.0	:0	٥٠	.0	.0	.0	.0	.0	.0	.0	.0	•0	:0	0	3
PCT	20.6	25 39.7	30.2	7.9	.0	1.6	•0	0	.0	0	0	ő	ō	.0	ő	.0	.0	•0	٥.	63	2

DERCENT	EREDITENCY	76	HEATHER	DCCURRENCE	87	STND	DIRECTION	ś

									_						
			P	RECIPI	TATIO	N TYPE					CTHER	WEATHER	PHEND	AENA	
HND DIR	RAIN	RAIN SHWR	DAZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HDUR	THOR LING	FOG WD PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLMG DUST BLMG SNOW	
N	.0	11.5	.0	.0	.0	.0	.0	11.6	.0	.0	.0	.0	.0		88.2
NE	.0		.0	.0	.0	.0	.0	1.9	3,6	7.5	.0	.0	•0	.0	80.8
£	4.8	4.0	.0	.0	.0	.0	.0	6.8	1.6	6.4	.0	.0	•0	•0	84.8
ŠĒ	3.7	5.2	.0	.5	.0	.0	.c	8.9	.0	3.7	.0	.0	.0		89.7
5	10.9	.0	.0	. 0	.0	Ö	.0	10.9	.0	2.2	.0	.0	•0		89.1
Š'n	15.1	.0	.0	.0	.0	.0	.c	.5.1	.0	7.5		Ü	•0		77.4
¥	6.7	.0	.0	.0	.0	.0	.0	6.7	.0	.0	.0	.0	•0		93.3
Nin	3,6	.0	.0	.0	.5	, ŏ	.č	3.6	.0	.0	.0	ō	.0		95.4
VAR	.0	.0	.0	.0	.0	.õ	.0	.0	•0	. 0	.0	Ö	.0		.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	•0	7.1	.0	.0	•0	.0	92.9
TOT PCT	4.6 241	3.3	.0	•0	•0	.c	•0	7.9	. 8	4.6	•0	•0	•0	•0	88.0

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	PAIN SHWR	CRZL	PRZG PCPN	SNOW	OTHER FRZN PCP',	HAIL	PCPN AT OB TIME	FCPN PAST HCUR	THOR LTYG	FOG WO PCPN	POG WO PCPN PAST I'R	SMOKE HAZE	SPRAY BLWG DUST RLWG SNOW	
00603 06609 12615 18621	0.6 3.9 7.7 8.2	2.3 3.9 .0 5.9	.0	.0	.0	.0.0	.0000	9.1 7.9 7.7 14.1	.0 .0 1.5 1.2	10.8 9.4	.0 .0 .0	.0	.0 .0 1.5 1.2	.0 .0 .0	90.9 92.1 81.5 76.5
TOT PCT	6.7	3.3	.0	.0	•0	.0	.0	10.0	.7	5.6	.4	.0	•7	•0	84.4

TARLE 3

#### PERCENTAGE PREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

				EC (KN										(GHT)			
WND CIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT FRFQ	SPD	00	03	05	09	12	15	18	21
N	1.0	3.2	.1	.0	.0	.0		4.3	5.3	2.1	4.5	1.7	6.7	8.2	3.6	5.4	2.3
NE	1.8	6.5	.6	٠.	•0	•0		8.9	6.1	3.6	.8.2	4.5	19.4	.3.9	10.7	9.5	2.8
E	4.3	18.5	5.5	.0	.0	.0		28.4	7.6	21.1	18.2	35.4	27.5	35.9	10.7	31.8	16.5
SE	3.9	19.4	3.7	.0	.0	.0		27.0	7.1	43.4	22.7	37.3	16.4	12.4	28.6	21.1	32.1
5	1.4	7.4	:.0	.0	.0	.0		9.8	6.8	16.3	27.3	6.4	3.9	5.7	14.3	7.4	19.3
5.	1.0	3.7	. 4	.0	•0	.0		5.1	6.4	4.8	•0	2.4	1.7	4.4	10.7	6.2	11.0
W	.8	2.6	.4	.0	.0	.0		3.8	7.2	1.8	• 0	2.8	3.9	4.2	7.1	3.7	6.0
Nw	1.0	3.4	. 8	.0	.0	.0		5.2	6.5	.9	9.1	2.4	16.1	5.3	14.3	5.0	1.6
VAR	.0	.0	.0	.0	.0	.0		.0	:0	.0	• 0	.0	.0	•0	.0	.0	• 0
CALM	7.5							7.5	.0	6.0	•0	6.9	4.4	10.1	.0	9.9	8.3
TOT CBS	158	447	86	C	0	0	691		6.4	83	11	144	90	119	14	121	109
TOT PCT	22.9	64.7	12.4	.0	.0	.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	<b>41</b> +	TOTAL DBS	PCT FREQ	MEAN SPD	00 03	MDUR 06 09	(GMT) 12 15	18 21
4	3.3	1.0	.0	•0	٠,		4.3	5.3	2,4	3.6	7.7	3.9
NE	5.4	3.5	.0	.0	.0		6.9	6.1	5,3	10.3	13.5	6.3
E	12.8	15.0	.6	.0	.0		28.4	7.6	20.7	32,4	33.3	24.6
SE	13.8	12.8	. 3	.0	.0		27.0	7.	41.0	29.3	14.1	26.3
į.	5.3	3.5	. 5	.0	.0		9.8	6.0	17.6	5.4	6.6	13.0
ŚW	3.1	1.7	.2	, o	.0		5.1	6.4	4,3		5.1	8.5
¥	1.4	2.4	.0	.0	.0		3.8	7.2	1.6	3,2	4.5	4.8
										7.7		
NW	3.2	2.0	•0	•0	.0		5.2	6.5	1.9		6.2	3.5
VAR	.0	•0	.0	•0	.0		.0	•0	•0	•0	٠.	•0
CALM	7.5						7.5	.0	5.3	6.0	9.0	9.1
TOT DBS	390	290	11	٥	0	691		6.4	94	234	133	230
TOT BCT	36.4	42.0	1.6	۸ŏ			100.0			100.0		

PERIOD: (PRIMARY) 1911-1971 (DVER-ALL) 1860-1971

TARLE 4

AREA ODIO SQUTHWEST AVA SEA 5.95 108.78

PERCENTAGE	FREQUENCY	OF	WIND	SPEED	84	HOUR	(GMT)

				WIND	SPEED (	KNOTS )			PCT	TOTAL
HOUK	CALM	1-3	4-10		22-33		48+	HEAN	FREQ	285
60200	5.3	10.5	69.1	14.9	.0	.0	.0	6.6	100.0	94
90300	6.0	18.4	62.8	12.8	.0	.0	.0	6.5	100.0	234
12615	9.0	13.5	66.2	11.3	.0	.0	.0	6.1	100.0	133
18521	9.1	15.2	63.9	11.7	.0	.0	.0	6.4	100.0	230
707	52	106	447	86	0	0	0	6.4	•	691
PCT	7.5	15.3	64.7	12.4	.0	.0	.0		100.0	

TARLE 5

TABLE 6

,	PCT FREC OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION								PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT,NH >4/8) AND OCCURRENCE OF NH <5/8 BY WIN? DIRECTION										
HND DIR	0-2	3-4	5-7	e & nescp	TCTAL CBS	HEAN CLOUD COVER	000 149	150 299	300 599	939	1000 1999	2000 3499	3500 49 <b>9</b> 9	5000 6499	6500 7999	8000+	NH <5/8		
N	.0	1.9	1.4	•0		4.8	•0	,0	.0	.0	1.4	.0	.0	•0	•0	.0	1.9		
NE	1.9	.0	3.7	•0		4.3	•0	.0	.0	.0	1.9	1.9	۰0	•0	•0	.0	1.9		
E	11.1	11.6	11.1	1.9		3.9	•0	.0	.0	.0	2.8	3.7	.0	•0	•0	.0	29.2		
SE	9.3	15.2	4.2	1.9		3.4	•0	.0	.0	1.9	2.8	.0	.0	•0	•0	.0	26.9		
Š	.0	1.4	3.2	•0		5.0	•0	.0	.0	.0	•0	1.9	.0	•0	.0	.0	2.8		
Sh	٥	. 5	.0	1.9		7.0	•0	.0	.0	1.9	.0	.0	.0	.0	•0	.0	.5		
ŭ	.0	.0	.0	• 0		.0	•0	.0	.0	•0	.0	.0	.0	•0	•0	.0	.0		
ŸH	Ĭ.	.0	. 5	•0		6.0	•0	.0	.0	.0		.0	.0	•0	•0	.0	.0		
VAR	.0	.0	.0	•0		.0	•0	.0	.0	.0	.0	.0	.0	•0	•0	.0	.0		
CALM	3.7	3.7	7.4	1.9		4.8	+0	.0	.0	1.9	1.9	1.9	.0	•0	•0	. 0	11.1		
TOT UBS	14	19	17	4	54	4.1	ŏ	ň	Ö	· 3	6	7.5	Ö	Ö	Ť	ě	40	54	
TOT PCT	25.9	35.2	31.5	7.4	100.0		•0	•0	.0	5.6	11.1	9.3	.0	•0	•0	.0	74.1	100.0	

TARLE 7

F144444 A 2 244			SIMULTANEOUS	COCUPACNO
COMPLYITAE	PUI PRES	wr	21 LOC   WILEDAR	DCCURRENCE
ne retie	NC HETCHT		H SAZRI AND V	CAU JUNE

				VSBY (NH	)			
CEILING	e DR	- DR	• DR	≖ ΩR	● DR	• CR	• OR	<ul><li>DR</li></ul>
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
● DR >6500	.0	.0	.0	.0	.0	.0	.0	.0
<ul><li>□R &gt;5000</li></ul>	.0	•0	.0	.0	.0	.0	•0	.0
# CK >3500	.0	.0	.0	.0	.0	.0	.0	.0
<ul> <li>□R &gt;2000</li> </ul>	7.3	9.1	9.1	9.1	9.1	•.1	9.1	9.1
■ CR >1000	18.2	20.0	20.0	20.0	20.0	20.0	20.0	20.0
■ DR >600	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5
■ DR >300	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5
■ DR >15^	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5
• TR > 0	21.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5
TOTAL	12	14	14	14	14	14	14	14

TOTAL NUMBER OF OBS:

PCT FREQ NH <5/8: 74.5

TABLE 7A

#### PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

(	1	2	3	4	5	6	7	8	DBSCD	DES
3.4	17.2	31.0	20.7	3.4	12.1	5,2	3.4	3.4	•0	58

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MAY AREA 0010 SQUTHWEST JAVA SEA 5.55 108.7E PERIOD: (PRIMARY) 1911-1971 (OVER-ALL) 1860-1971 S DECURRENCE OR NON-OCCURRENCE OF ING VALUES OF VISIBILITY VSBY (NH) VAR CALM .0 •0 .0 .0 000 000 044 000 .0 .0 .0 .0 .0 .0 .0 .0 .... ... ... ... ... 000 000 000 000 .000 .0 .0 .0 .0 .0 .0 .4 .4 **<**1/2 .0 .0 PCP 1/2<1 NO PCP TOT \$ .000 •0 •0 .0 .0 .0 1<2 PCP NO PCP TOT % .0 2<5 .0 1.5 1.5 3.7 3.7 1.5 9.3 10.8 2.3 9.6 11.9 3.4 3.8 5<10 .6 .2 .0 .2 2.7 6.6 13.1 15.1 2.8 6.8 13.1 15.4 .0 5.1 5.3 3.0 3.0 .0 1.5 1.5 .0 1.? 4.1 53.5 4.1 54.6

TOT DES

The contract of the contract o

			4	PERCEN'	T FREQ WITH VA	OF WING	n DIRE	CTION OF VI	VS WII	ND SPE	ED		
VSBY (NM)	SPD KTS	N	NE	£	SE	\$	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	.0	٠.	.0	.0	.0		.0	
	22+	.0	٠.	.0	•0	•0	.0	٠.٥	.0	.0		.0	
	TOT \$	•0	•0	•0	•0	•0	•0	.0	•0	.0	•0	.0	
	0-3	.0	•0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	•0	.0	•0	.0	٠.	.0	.0	.0		.0	
	11-21	•0	•0	•0	•0	.0	.0	.0	.0	.0		.0	
	22+	.0	•0	•C	•0	•0	.0	.0	•0	•0		٠٥.	
	TOT \$	.0	•0	•0	•0	.0	.0	•0	.0	•0	•0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.2	.3	•0	•0	.0	.0	.0	. 1	.0		.6	
	11-21	•0	.0	.0	•0	.0	.0	•0	•0	.0		.0	
	22+	٠.	•0	.0	•0	.0	.0	.0	.0	.0		.0	
	TOT %	.2	.3	•0	•0	.0	.0	.0	•1	.0	•0	. 6	
	0-3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.3	
2<5	4-10	•0	•0	1.5	.6	.3	.0	•1	- 1	.0		2.6	
	11-21	٠.	.0	.3	•0	•0	•0	•0	.0	.0		.3	
	22+	.0	.0	•0	•0	.0	•0	•0	•0	.0		.0	
	TOT %	•0	•0	1.7	.9	.3	•0	•1	-1	.0	•0	3,2	
	0-3	.7	.4	.3	.7	.1	.3	.0	.0	.0	1.2	3.8	
5<10	4-10	1.0	1.9	5.0	6.6	2.2	1.2	1.0	1.6	.0		20.4	
	11-21	•0	.6	2.3	1.4	. 4	.3	• 1	• •	•0		5,5	
	22*	.0	.0	.0	.0	.0	.0	0	.0	•0		0	
	TOT \$	1.7	2.9	7.6	8.7	2.7	1.7	1.2	2.0	•0	1.2	29.7	
	0-3	.6	1.5	1.9	1.6	.3	1.0	-1	.3	.0	5.2	12.5	
10+	4-10	2.1	3.9	14.1	13.7	4.7	2.3	2.0	1.4	.0		44.3	
	11-21	.3	• 1	4.4	3.9	.3	.0	.5		.0		9.6	
	22+	.0	.0	.0	0	•0	.0	.0	.0	•0		•0	
	TOT \$	3.0	5.5	20.4	19.2	5.3	3.3	2.2	2.3	.0	5.2	46,5	
	TOT DRS	5.0	8.7	29.7	28.8	1.3	5.0	3.5	4.5	•0	6.4	100.0	943

PERIODI	(PRIMARY)	1911-1971
	(OVER-ALL)	1860-1971

TABLE 10

AREA 0010 SDUTHWEST JAVA SEA 5.95 108.7E

PERCENT	FREQUENCY OF	CFILING	HEIGHTS	(FEET, NH	>4/81	AND
	04611006				-4/6/	-110

HOUR (GHT)	000 149	150 299	300 599	999	1000 1999	2000 3499	1500	5000 6499	6500 7999	8000+	TOTAL	HH <5/8 A'N HGT	TOTAL
00203	.0	.0	.0	•0	20.0	.0	.0	.0	.0	.0	20.0	80.0	10
90360	.0	•0	.0	7.1	21.4	14.3	.0	.0	.0	.0	42.9	57.1	14
12615	.0	.0	.0	10.5	.0	15,8	.0	.0	.0	•0	26.3	73.7	19
18621	.0	.0	.0	•0	6.7	.0	٠.	.0	.0	•0	6.7	93.3	15
TOT PCT	.0	.0	.0	5.2	10.3	8.6	.0	.0	20	0	14	44 75.9	58 100-0

TABLE 11

TABLE 12

		PERCENT	FREQUENCY	VSBY	(NH)	BY HOUR		CUMULAT					VSBY (NM)	
HDUR (GMT)	<b>&lt;</b> 1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL OBS
£0300	.0	.0	.c	3.4	30.5	66.1	59	00003	•0	•0	.0	20.0	80.0	10
06609	.0	•0	.0	3.8	32.4	63.8	105	90380	.0	•0	8,3	41.7	50.0	12
12615	.0	•4	2.4	4.7	29.4	63.5	85	12615	.0	•0	11.1	16.7	72.2	18
18621	. 9	.0	1.6	3.3	31.7	62.6	123	18621	•0	•0	.0	6.7	93.3	15
TOT PCT	i •3	.0	1.1	14 3.8	116 31.2	237 63.7	372 100.0	TOT PCT	.0	.0	5.5	20.0	41 74.5	55 100.0

TARLE 13

TABLE 14

		PERCENT FREQUENCY OF WIND DIRECTION BY TEMP																		
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT PREQ	N	NE	E	SE	S	SW	W	NW	VAR	CALM
85/89 80/84 75/79 TOTAL	•••	.0	.0	•0	3.8	7.5 23.8 .6	35.0	2.5	24 125 11 160	15.0 78.1 6.9	1.6 5.2 .0	2.2 5.3 .6	4.7 25.5	3.4 20.9 2.8	3.9	5.0 1.3		1.6 3.6 .0	•0	1.3 5.6
PCT	.0	•0	•0	•0	4.4	31.9	45.6	18.1			6.7	8.1	31.1	27.2	4.5	6.3	3.4	5.2	•0	7.5

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR 87 90 90 86 90

TA	BL	E	16

											405			0-10111	<b>5</b> 1	•
99%	95%	50%	54	14	MIN	MEAN	TOTAL	HOUR (GHT)	0-29	30-59	60-69	70-79	80-89	90-100	HEAN	TOTAL
86 89 89	86 86 84	83 84 83	79 80 79 79	77 77 77 77	77 75 77	82.4 84.1 82.9	91 216 138	00003 0609 12615	•0	•0	4.0 5.9 2.3	24.0 31.4 32.6	52.0 51.0 44.2	20.0 11.8 20.9	03 01 03	25 51 43
88	67	82 83	79	77	76 75	81.6 82.8	240 685	18621 TOT	.c	•0	6.0	29.9 56	41.8	22.4 35	83 82	67 186

MAY

PERIOD: (PRIMARY) 1911-1971 (OVER-ALL) 1860-1971

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TABLE 17

AREA 0010 SOUTHWEST JAVA SEA 5,55 108.7E

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PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	77 80	81 84	85 88	89 92	TOT	FOG	WO FOG
5	.0	•0	.0	.5	1	.0	,5
4	.0	•0	.5	. 5	2	.0	,9
3	.0	. 9	3.7	.0	10	.0	4.7
5		2.3	3.3	.0	12	. 5	5,1
3 2 1	1.4	7.9	3.7	. 5	29		13.6
ŏ	.5	16.4	3.3	1.4	46	.0	21.5
-1	.,	10.7	1.9	.0	29	.ò	13,6
-2	1.4		.5	.0	35	.0	16.4
-3	.,	6.5	.0	.0	16	.0	7,5
-4	3.7	7.0	.ò	ò	23	.ŏ	10.7
-5	3.7	. 9	.ŏ	ō	10	.0	4.7
-6	. 5	•0	.0	ō	ĭ		. 5
TOTAL	28	•••	36	•••	•	• 1	213
IOIAE			30	4		•	213
		144		. 6	214	_	
PCT	13.1	67.3	16.8	2.8	100.0	.5	99,5

PERIOD: (DVER-ALL) 1963-1971

				PC	T FRED	OF WIND	SPEED	(KTS) AND DIRE	CTION V	ERSUS S	EN HEIG	HTS (FT)		
				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<b>&lt;</b> 1	• 2	.0	•0	.0	.0	•0	•0	•0	.0	•0	•0	•0	.0	•0
1-2	•0	.0	•0	•0	.0	•0	٥.	•0	3,6	•0	•0	•0	•0	3.6
3-4	•0	2.7	•0	•0	.0	•0	2.7	•0	.0	•0	.0	•0	•0	•0
5-6	•0	•0	•0	.0	.0	•0	.0	•0	.0	•0	•0	•0	.0	.0
7 8-9	•0	.0	.0	.0	.0	.0	.0	•0	.0	•0	•0	.0 .0	:0	•0
10-11	.0	.0	.0	.0	.0	•0	.0	.0	٥	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	:6	:0	:0	.0	ö	.0	.0	.0	.0	
13-16	ŏ		.0		.ŏ	.ŏ		ŏ	ŏ	.0	.ŏ	•0	.0	
17-19	·ŏ	.0	, ŏ	.0	.ŏ	• 0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	ŏ	.0	.0	.0	.0	• 0	.0	ō	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	• ŏ	.0	.0	.0	. 0	.0	.0	.0	.0	.0	•0
26-32	.0	.0	•0	.0	.0	.0	•0	•0	.0	•0	•0	•0	.0	.0
33-40	.0	.0	•0	•0	.0	•0	•0	•0	.0	•0	.0	•0	•0	.0
41-48	.0	.0	•0	.0	.0	•0	•0	•0	.0	.0	.0	.0	.0	•0
49-60	.0	.0	•0	•0	.0	•0	•0	•0	.0	.0	•0	•0	•0	.0
61-70	.0	•0	•0	•0	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0
71-86	.0	.0	•0	•0	.0	•0	•0	•0	.0	.0	.0	•0	•0	•0
87+ TOT PCT	.0	2.7	•0	•0	.0	••	2.7	•0	3.6	.0	•0	•0	.0	.0 3.6
TUI PCI	• 0	2.,	•0	•0	•0	••	2.,	•0	,,,	••	••	•0		3.0
				E							SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	5E 22-33	34-47	48+	PCT
<1	2.7	.0	.0	•0	.0	•0	2.7	,•	.0	.0	•0	•0	.0	. •
1-2	.0	6.3	3.6	.0	.0		1.1	•0	11.6	3.6	.0	•0	.0	15.2
3-4	.0	.0	5.4	.0	.0	•0	5,4	• 0	7.1	8.9	•0	.0	.0	16.1
5-6	•0	3.6	3.6	•0	.0	.0	7.1	•0	•0	.0	•0	•0	•0	•0
.7.	•0	.0	•0	•0	.0	•0	•0	•0	•0	4.5	•0	•0	•0	4.5
8-9	.0	.0	•0	.0	.0	.0	•0		•0	.0	•0	•0	•0	•0
10-11 12	.0	.0	•0	.0	.0	•0	•0		.0	.0	•0	.0	:0	•0
13-16	:0	:0	•0	.0	.0	:0	.0		ŏ		.0			:0
17-19		.č	.0		.0				ŏ	.0	.0	.0		
20-22	٠٥		ŏ		ŏ		.0		ŏ			ŏ		ě
23-25	.0		.0	.0		.0			ŏ	.0		.0	.0	ò
26-32	ŏ		,ó	.0	.ŏ	.0	.0		.0	.0	.0	.0	.0	.0
33-40	.0		.0	•0	ō	·ò	.0		.0	.0	.0	.0	•0	.0
41-48	.õ	.0	.0	•0	.0	.0	• 0	•0	.0	•0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0
61-70	.0	.0	.0	.0	.0	•0	.0		.0	.0	•0	•0	.0	.0
71-86	.0	.0	•0	•0	.0	.0	•0			.0	.0	•0	•0	•0
87+	2.7	.0	.0	.0	.0	.0	0	.0	0	.0	.0	.0	•0	.0
TOT PCT	2.7	9.8	12.5	.0	.0	.0	25.0		18.8	17.0	•0	•0	.0	36.6

					MAY												
PERIOD:	(OVER-ALL) 1963-1971			TABLE 18 (CONT)							AREA	0010	\$DUTHWEST JAVA SE 5.58 108.7E				
				PC	T FREO D	F WIND	SPEED	(KTS) ANT	DIREC	TION V	ERSUS S	EA HEIG	nts (#T	•			
HGT	1-3	4-10	11-21	5 22-13	34-67	48+	PCT		1+3	4-10	11-21	SW 22-33	34-47	48+	PCT		
<1		3.6	.0	••	.0		3.6		.0	•0	.0	.0	.0	.0			
1-2		2.7	.0	•0			2.7		.0	, 9	.0	.0	.0	.0	, 9		
3-4	ō	.0	.0	.0	.0	.0	.0		.0	.0	.0	, 0	.0	.0	.0		
5-6	. 0	.0	.0	•0	.0	.0	.0		.0	.0	.0	.0	.0	.0	•0		
7	.0	.0	2.7	•0	.0	•0	2.7		.0	.0	.0	.0	•0	.0	.0		
8-9	.0	.0	• 7	•0	.0	•0	.0		•0	•0	.0	•0	•0	.0	.0		
10-11	٠,٥	.0	•0	•0	.0	•0	.0		.0	• 2	.0	•0	•0	.0	•0		
12	.0	.0	.0	•0	.0	•0	•0		•0	•0	•0	•0	• 0	.0	.0		
13-16	.0	.0	•0	•0	.0	•0	•0		•0	•0	•0	٥٠	•0	.0	•0		
17-19	•0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	.0	۰,0		
20-22	•0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	.0	•0		
23-25	.0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0		
26-32	•0	.0	.0	•0	•0	•0	•0		•0	•0	•0	•0	•0	.0	•0		
33-40	.0	•0	•0	•0	• 2	.0	•0		•0	.0	•0	•0	•0	.0	.0		
41-48	٠,	.0	•0	•0	•0	•0	•0		•0	.0	•0	•0	.0		.0		
49-60 61-70	•0	.0	9.0	•0	•0	•0	•0		.0	.0	.0	•0	.0	ě	.0		
71-86	.0	.0	.0	·ŏ	.0	.0	•0		ě	٥٠		.0	٥٠	.ŏ	.0		
87+	ě	:0	.0	.0	ě	.0	.0		ŏ	ŏ		.0	٥٠	.ŏ			
TOT PCT	.0	6.3	2.7	•0	.0	.0	8.9		.0	, 9	ő	•0	.0	.0			
												NW				TOTAL	
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT	
<1	•-5	0		.0	.0	7.0	.0			.0	.0	.0	.0	.0			
1-2		.ŏ	•0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0			
3-4	ŏ	.ŏ		.0	.0	.0	.0		.0	ě	.0	.0	ŏ	ŏ	.,		
5-4	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.o	.0		.0		
7	.0	.0	•0	.0	.0	.0	.0		.0	•0	.0	.0	.0	.0	.0		
8-9	.0	.0	•^	•0	.0	•0	•0		•0	.0	.0	•0	•0	.0	.0		
10-11	.0	.0	•0	•0	•0	•0	•0		•0	•0	.0	•0	•0	.0			
12	.0	.0	•0	.0	.0	.0	•0		•0	.0	.0	•0	•0	.0			
13-16	.0	•0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	٠.			
17-19	.0	.0	• 0	•0	.0	•0	•0		•0	•0	.0	.0	•0	.0			
20-22	.0	•0	•C	.0	.0	•0	•0		•0	.0	•0	.0	•0	.0			
23-25	•0	.0	• 6	•0	•0	.0	•0		•0	.0	.0	•0	•0	•0			
26-32	.0	•0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	.0			
33-40	•0	•0	•0	•0	•0	•0	•0		•0	.0	•0	•0	•0	• 0			
41-48	.0	•0	•0	.0	•0	٠,	•0		•0	.0	.0	••	•0	.0			
49-60	•0	.0	•0		.0	•0	•0		.0	.0	•0	•0	, •0	.0			
61-70 71-86	•0	•0	•0	.0	.0	.0	•0		.0	.0	.0	.0	•0	.0			
87+	٥.	.0	•0		.0	.0	•0		.0		.0	.0	ŏ	.5			
TOT PCT	.0	.0	•0	.0	.0	.0	.0		ő	ě	ŏ	:0	•0			78.6	
(U) FC!	••	• (7	•0	••	• 0	••	•••			• •	••	••			• • •		

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT OBS
<1	25.0	3.6	.0	.0	.0	.0	28.6	093
1-2	.0	25.0	7.1	.0	.0	.0	32.1	
3-4	.0	10.7	14.3	.0	.0	.0	25.0	
5-6	.0	3.6	3.6	.0	.0	.0	7.1	
7	.0	.0	7.1	.0	.0	.0	7.1	
6-9	,ŏ	.0	.0	.0	.0	.0	.0	
10-11	.0	.0		.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0		.0	. 0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	• 0		.0	.0	.0	.0	
23-25	.0	, ö	.0	.0	.0	, ô	ŏ	
26-32	.0	.0	.c	.0	.0	.0	.0	
33-40	.0	·ŏ	.0	. 0	.0	.0	ě	
41-48	, ŏ	.0	.0	.0			ò	
49-60	.0	.0	·c	.0		.0	.0	
61-70	.0	.0	.0	.0		.0	, ò	
71-86	.0		.0	ŏ	.0	.0	.ŏ	
87+			.0	.0	.0	.0	iŏ	
3		••	•••	•••	• • • • • • • • • • • • • • • • • • • •	••		28
TOT PET	25.0	42.9	32.1	.0	.0	.0	100.0	•••

PERIOD:	(PRIMARY)	1912-1972
	INVERTALL	1842-1372

The second secon

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TABLE 1

AREA 0010 SDUTHWEST JAVA SEA 5.45 108.8E

PERCENT PREQUENCY OF WEATHER OCCURRENCE BY WIND	DIRFCTION
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PRECIPITATION TYPE OTHER WEATHER PHENOMENA															
WND CIR	KAIN	RAIN SHUR	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THDR LTNG	FOG WO PCPN	FOG WIT PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST BLWG SNDW	
N	7.5	.0	.0	.0	.0	.0	.0	7.5	•0	.0	.0	.0	15.1	.0	77.4
NE	.0	.0	.0	.0	.0	.0	.0	.0	•0	2.7	5.5	.0	.0	.0	91.8
E	4.5	3.0	.0	.0	.0	.0	.0	7.5	•0	5.0	12.4	.0	.0	.0	75.1
NE E SE	5.7	2.5	.0	, o	•0	·ò	.0	8.2	2.5	5.7	. 6	.0	.0	.0	84.3
S	8.6	4.3	.0	.0	•0	.0	.0	12.9	•0	.0	.0	.0	.0	•0	87.3
ŠÞ	.0	.0	.0	.0	.0	.0	.0	.0	11.1	2.8	.0	.0	.0	.0	46.1
W	30.8	.0	.0	.0	.0	.0	.0	30.8	.0	53.0	.0	.0	.0	.0	46.2
ÑW	22.2	.0	11.1		·ò		.č	22.2	.0	44.4		ĬŌ	.0	.0	44.4
VAR	.0	.ŏ			.0	.0	.0	.0	.0	.0	.0	ŏ	.0	•0	.0
CALM	.0	.0	.0	. 0	.0	.0	.0	.0	•0	.0	•0	.0	•0		100.0
TOT PCT	5.7 263	2.3	.4	.0	•0	.0	•0	8.0	1.1	6.1	5.3	•0		•0	79.3

TABLE 2
PERCENT FREQUENCY OF WEATHER DCCURRENCE BY HOUR

			•	RECIPI	TATIO	N TYPE					DTHER	WEATHER	PHENO	MENA	
HOUR (GMT)	RAIN	PAIN SHWR	DR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTNG	FOG WD PCPN	FOG WC PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNDW	
00003 0609 12015 18021	9.3 4.6 1.5 7.9	3.7 3.1 .0 2.2	.0 1.5 .0	.0	.0	.0	•0	13.0 7.7 1.5 10.1	3.7 .0 1.5	1.9 .0 9.0 11.2	3.7 6.2 3.3 9.0	.0 .0	1.5 1.5	•0 •0 •0	77.8 84.6 83.6 74.2
TOT PCT	5.8	2.2	.4	.0	•0	.0	•0	8.0	1.1	6.2	5.8	•0	.7	•0	79.0

TABLE 3
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		- 71	ND SPE		1751								HOUSE	(GMT)			
WND DIR	0-3		11-21			48+	TOTAL OBS	PCT FRFQ	MEAN SPD	00	03	06	09	12	15	18	21
N	1.3	1.9	.2	.0	•0	.0		3.4	4.8	2.3	4.2	2.1	5.6	6.9		3.4	1.3
NE	1.1	7.3	1.4	•0	•0	•0		9.8	7.3	5,8	4.2	4.2	14.0	17.0	18.5	10.7	7.8
E	2.5	22.4	10.6	. 2	•0	.0		35.7	9.1	26.0	29.2	35.0	51.4	39.2	46.9	39.3	27.4
SE	3.3	19.6	7.5	. Z	.0	.0		30.5	8.7	36.8	50.0	37.3	17.6	21.8	21.9	28.2	36.1
ξ.	1.2	5.3	1.2		.0	•0		7.7	7.0	16.8	•0	7.0	.7	2.8	6.3	6.4	12.0
Š'n	1.1	2.7		.ŏ	.0	.0		4.1	6.2	8.0		5.9	.0	1.8		1.9	6.3
ŭ	4	1.2	. 6		.0	ŏ		2.2	8.2	2.5	4.2	2.5	2.1	.,9		1.5	3.5
Ne	1.3	2.1	.0	.0	•0	.0		3.3	4.7	.0	4.2	2.5	3.5	6.0		3.4	3,9
VAR			.0	.ŏ	.0	.0		.0	.0	.0	.0			•0		.0	.0
CALM	3.2	• • •	• •	••	•••	•••		3.2	.0	2.0	•0	3.4	4.2	3,7		5.1	1.7
TOT CBS		411	144		•		658	3.2	7.9	100	12	118	71	109	.0 15		115
	101				0	0	426		747							117	
TOT PCT	15.3	62.5	21.9	. 3	40	•0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE	34

NIG COM	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 03	HQUR 06 09	(GHT) 12 15	18 21
NE	2.7	5.4	•0	.0	:0		3.4 9.8	4.8	2.5	3.4 8.2	6.0 17.2	2.4 9.3
	12.0	21.2	2.5	ō			35.7	9.1	26,3	41.1	40.2	33.4
ŠE	10.3	10.4	1.9				30.5	8.7	34.2	27.9	21.8	32.1
\$	4.3	3.3	• 2	ě	.0		7,7	7.0	15.0	4.6	3.2	9.2
SW	2.4	1.7	.0	.0	.0		4.1	6.2	7,6	3.7	1.6	4.1
W		1.2	• 2	.0	.0		2.2	8.2	2.7	2.4		2.5
Nw	2.6		.0	.0	.0		3.3	4.7	. 4	2.9	6.0	3.7
VAR	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	3.2						3.2	.0	1.8	3.7	3.2	3.4
TIT DAS	281	344	31	0	٥	658		7.9	112	189	125	232
TOT PCT	42.7	J2.6	4.7	•0	•0		100.0		100.0	100.0	100.0	100.0

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PER100:	(PRIMARY)	1912-1972
	JOUED-ALLS	1842-1972

TARLE 4

AREA 0010 SDUTHWEST JAVA SEA 5.45 108.8E

PERCENTAGE	FREQUENCY	D₽	MIND	SPEEC	84	HOUR	CONT

				GAIN	SPEED (	KNETSI			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21			48+	MEAN	FREQ	DBS
60200	1.8	10.7	43.4	24.1	.0	.0	.0	8.2	100.0	112
90309	3.7	9.5	62,4	23.8	. 5	.0	.0	8.0	100.0	189
12615	3.2	12.8	64.0	19.2	. 4	.0	.0	7.6	100.0	125
18621	3,4	14.7	61.2	20.7	.0	.0	.0	7.6	100.0	232
TOT	21	A0	411	144	2	Ó	0	7.9	•	658
PCT	3.2	12.2	62.5	21.9		.0	.0		100.0	

TARLE 5

TABLE 6

					TAUBL T													
•	PCT FREG OF TOTAL CLOUD AMDUM (EIGHTHS) BY WIND DIRECTION MEAN							,						IG HEIG				
WND DIR	0-2	3-4	5-7	nasco	TETAL PBS	CLOUD COVER	000 149	150 299	300 599	600 <b>99</b> 9	1000 1999	2000 3499	3500 4999	5000 6499	6500 79 <b>9</b> 9	\$000÷	NH C5/8	
N	.0	.0	1.1	.0		6,0	•0	•0	.0	1.1	.0	.0	.0	•0	.0	.0	•0	
NE	.0	1.4	1.1	.0		5.0	•0	.0	.0	.4	.4	.0	.0	•0	.0	.0	1.6	
€	15.6	9.8	10.5			3,6	•0	.0	.0	1.1	5.1	1.4	1.4	•0	.0	.0	29.0	
ŠE	0.2	20.7	9.1			4.2	•0	.0	1.4	1.0		.0	.0	•0	.0	. 0	34.4	
Š	.7	1.4	2.5			5,7	•0	• • •	.0	•0	4.0	.0	.0	•0	.0	.0	2.2	
Š¥	3.6	. 0	1.0			2.8	•0	.0	,0	.0	- 4	ě		•0	.0		5.1	
<b>.</b>	.0		.0			8.0	•0	ě	ň	.0	.0	1.4	20	•0	•0	• • •	•0	
NH	.0	.ŏ	.0			8.0	.0	•0	0	1.4			.0	.0	•0	. 0	•0	
VAR	.0		.0			• 0	.0	40	iō	•0	.0		.0	•0		ŏ	• 0	
CALH	1.4	1.4	2.9							-					•0		4.3	
TOT DES	19	24	20		69	4.2 4.1	• 0	•0	•0	• 0	1.4	•0	•0	•0	•0	•0	33	69
						₹.1	ų.		. :	. :			:	ō				
TOT PCT	27.5	34.6	29.0	8.7	100.0		•0	•0	1.4	5.8	11.6	2.9	1.4	•0	•0	.0	76.8	100.0

TABLE 7

## CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NM >4/8; AND VSBY (NM)

				VSBY (NH	1)			
CEILING	• OR	= OR	■ OR	- PR	• DR	• OR	r 98	₽ OR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• CR >6500	.0	.0	.0	.0	.0	.0	.0	.0
■ PR >5000	.0	.0	.0	.0	.0	.0	.0	.0
■ FR >3500	.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4
■ DR >2000	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2
# CR >1000	11.3	14.1	15.5	15.5	15.5	15.5	15.5	15.5
■ DR >600	15.5	19.7	21.1	21.1	21.1	21.1	21.1	21.1
■ DR >300	15.5	19.7	22.5	22.5	22.5	22.5	22.5	22.5
# DR >150	15.5	19.7	22.5	22.5	22.5	22.5	22.5	22.5
. RR > 0	15.5	19.7	22.5	22.5	22.5	22.5	22.5	22.5
TOTAL	11	14	16	16	16	16	16	16

STAL NUMBER OF OBS: 71

PCT FREQ NH <5/8: 77.

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD DBS 10.4 15.6 15.6 18.2 15.6 9.1 3.9 5.2 6.5 .0 77

PERIODI	(PRIMARY)	1912-1972
	(SVER-ALL)	1862-1972

AREA 0010 SDUTHWEST JAVA SEA 5.45 108.8E

		P	FRCENT	FREQ PREC	OF WIND	DIRECTOR WIT	TION Y	ING V	JRRENCI LUES (	FOR NO	UN-DC(	URRENÇ Y	E OF
VSBY (NH)			NE	E	SE	S	Sw	W	NW	VAR	CALH	PCT	TOTAL
	PCP	.2	.0	•0	.0	•0	•0	.0	.2	.0	.0	.4	
<1/2	NO PCP	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	
	TOT %	.2	.0	•0	•0	•0	.0	.0	. 2	•0	•0	.4	
	PCP	.0	.0	.0	•0	•0	•0	. 3	.0	.0	.0	.0	
1/261	NO PCP	.0	.0	.0	.0	•0	•0	.0	.0	.0	•0	.0	
	TOT %	.0	0	•0	•0	•5	• 0	.0	•0	•0	•0	.0	
	PCP	.0	.0	1.1	.0	•0	•0	.0	.0	.0	.0	1.1	
1<2	NO PCP	. (	.0	.0	.0	•0	• 0	.0	.0	.0	.0	.0	
	TOT %	•0	.0	1.1	•0	•0	•0	•0	.0	.0	•0	1.1	
	PCP	.4	.0	.4	.0	.4	•0	.4	.4	.0	.0	1.9	
2<5	NO PCP	.0	.4	1.1	.8	•0	. 4	.0	.0	.0	.0	2.7	
	TOT %	.4	.4	1.5	.8	.4	.4	.4	•4	.0	•0	4.5	
	PCP	.0	.0	.9	1.3	.4	•0	.0	.4	.0	.0	3.0	
5<10	NO PCP	3.2	3.0	15.0	9.9	4.0	1.2	.0	.4	.0	1.1	37.9	
	TOT %	3.2	3.0	15.9	11.3	4.4	1.2	.0	.8	.0	1.1	40.9	
	PCP	.0	.0	.4	1.1	.4	•0	.0	•0	.0	.0	1.9	
10+	NO PCP	1.4	3.5	19.1	17.C	3.7	1.4	. 9	2.3	.0	1.5	51.1	
-	TOT &	1.4	3.5	17.5	18.1	4.1	1.8	, 9	2.3	.0	1.5	53.0	
	TOT DBS												264
	TOT PCT	5.2	6.9	38.1	30.1	8 . 8	3.4	1.2	3.6	.0	2.7	100.0	

TABLE 9

		PERCENT FREQ OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY													
VSBY (NM)	SPD KTS	N	NE	É	SE	s	SW	W	W	VAR	CALM	PCT	TOTAL OBS		
• • • •	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
<1/2	4-10	•1	•0		1.0	.0	.ò	. 0	. 1	, õ		1.7			
	11-21	.0		. 0		ŏ	.ŏ	.0	.0	. 6		.0			
	22+	.c	.0	.0	•0	.0	.0	.0	. 0	.0		.õ			
	TOT \$	•1	.0	,4	1.0	.0	.0	.0	.1	.0	•0	1.7			
	0-3	.0	٠.	.0	.0	.0	.0	.0	.0	.0	•0	.0			
1/2<1	4-10	.0	.0	.1	.1	.0	.0	.0	.0	.0		.3			
	11-21	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0			
	22+	.0	• 0	.0	.0	.0	.0	.0	.0	.0		.0			
	TOT %	•0	•0	•1	.1	•0	-0	.0	.0	.0	•0	.3			
	0-3	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0			
1<2	4-10	.0	•0		.0	.0	.0	.0	.0	.0		, 8			
	11-21	.0	•0	٠.	.0	•0	.0	.0	.0	.0		•0			
	22+	.0	.0	• 2	•0	.0	.0	.0	.0	.0		•0			
	TOT %	•0	.0	• ť	•0	•0	.0	.0	•0	.0	•0	.•			
	0-3	.3	•0	.3	.3	.0	.0	.0	. 3	.0	•0	1.1			
2<5	4-10	.0	3	• •	. 3	•0	.3	.3	• ?	.0		1.9			
	11-21	.0	.0	.3	•0	.3	•0	.0	.0	•0		.6			
	22+	.0	•0	•0	•0	•0	.0	•0	.0	•0		.0			
	TOT \$	.3	.3	1.4	.6	. 3	.3	.3	. 3	•0	•0	3,6			
	0-3		.0	.1	1.0	.5	.0	.0	•0	.0	1.1	3.6			
5<10	4-10	1.5	2.2	6,9	5.1	1.9	1.0	• 1	.6	.0		19.3			
	11-21	.0	.0	5.4	2.3	. 8	.0	•0	•0	.0		8.5			
	22+	.0	0	3	.0	.0	0	.0	.0	.0		3			
	TOT \$	2.3	2.2	12.7	8.5	3.2	1.0	.1	.6	.0	1.1	31,7			
	0-3		.3	1.0	2.5	1.3	. • 4	•0	1.1	.0	2.2	10.5			
10+	4-10	1.0	4.3	13.9	13.8	2.1	1.2	. 9	1.9	•0		39.1			
	11-21	.0	•1	6.1	4.7	• 7	.3	.3	.0	.0		12,1			
	22+	0	0	0	3	• 0	0	0	.0	.0		3			
	101 %	1.9	4.8	21.8	21.3	4.1	1.9	1.2	3.0	٠.	5.5	42.0			
	TOT GAS	4.6	7.2	37.2	31.4	7.5	3.2	1.6	4 0	.0	1.1	100.0	363		
		710			24.4			•••	7 0	••		*****			

ERIODI	(PRIMARY) (OVER-ALL)	TABLE 10	R
		PERCENT PREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8)	4

REA 0010 SOUTHWEST JAVA SEA 5.45 108.8E

HOUR (GHT)	000 149	150 209	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
60300	.0	.0	4.5	13.6	13.6	4.5	.0	.0	• າ	۰٥	36.4	63.6	22
90380	.0	•0	.0	4.8	1.5	.0	.0	.0	.0	•0	14.3	85.7	21
12615	.0	.0	.0	.0	.0	5.6	5.6	.0	.0	•0	11.1	48.9	18
18621	.0	.0	.0	•0	23.1	.0	.0	.0	.0	.0	23.1	76.9	13
TOT PCT	.0	.0	1.4	5.4	10.8	2.7	1.4	.0	.0	.0	16 21.6	58 78.4	74 100.0

TABLE 11 TABLE 12 CUMULATIVE PCT FREQ OF RANGES OF VSBY (NH) AND/OR CEILING HGT (FEETANH >4/8)28Y HOUR PERCENT FREQUENCY VSBY (NH) BY HOUR 15 4.8 84 12615 13.3 18621 .0 2.3 132 23.1 13 55 71 77.5 100.0 13 124 228 375 3.5 33.1 60.8 100.0 1 6 10

TAPLE 13 TABLE 14 PERC'+T PREQUENCY OF RELATIVE HUMIDITY BY TEMP

10-29 30-39 40-49 50-59 50-69 70-79 60-89 90-100 DBS PREQ PERCENT FREQUENCY OF WIND DIRECTION BY TEMP .0 4.4 7.1 1.1 .0 .0 6.6 29.1 31.9 8.2 .0 .0 3.3 4.4 3.3 .0 .0 5 .0 .0 5 20 73 68 21 .0 11.0 40.1 37.4 11.5 5.4 5.4 .5 1.4 6.0 2.5 5.1 29.9 22.8 .0 1.8 2.3 .0 .0 .0 .000000 .0000 000000 6.5 6.5 37.8 27.6 3.6

TABLE 15 TABLE 16 MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PERCENT FREQUENCY OF RELATIVE HUHIDITY BY HOUR 85 88 86 84 86 82 83 83 82 82 78 80 80 79 79

PERIOD: (PRIMARY) 1912-1972 (DVER-ALL) 1862-1972

TABLE 17

AREA 0010 SDUTHWEST JAVA SEA 5.45 108.8E

PCT FREG OF AIR TEMPERATURE (DEG F' AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA "EMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	85	89	TOT	W	WO
THP DIF	76	●0	84	88	92		FOG	FOG
7/8	.0	•0	.9	•0	.0	2	•0	.9
5	.0	• 5	. 5	,,	. 9		.0	2.7
6	.0	.5	1.8	.9	.0	7	. 5	2.7
3	.0	.0	.5	2,3	.0	6	.0	2.7
3 2	.ŏ	. 5	5.0	4,5	.0	22	. 9	9.0
ī	.0	1.4	5.9	1.8	.0	20	3.2	5.9
0	.0	2.3	13.6	2.3	.0	40	1.4	16.7
-1	.0	1.8	13.6	.0	.0	34	. 9	14.5
-ž	.0	3.2		. 0	.0	36	. 5	15.4
-3	.0	1.4	4.5	. 5	.0	14	.0	6.3
-4	.0	2.7	4.5	.0	.0	16	. 0	7.2
-5	.0	1.8		.0	.0	10	.0	4.5
-6	.5	.5	. 9	.0	.0	•	.0	1.8
-7/-8	.5	.5	. 5	.0	.0	3	.0	1.4
-11/-13	.0	. 5	.0	.0	.0	i	.0	.5
TOTAL	ž		150		2	-	16	205
	-	38	20-	29		221	•	
PCT	.9	17.2	67.9	13.1	. 9	123.0	7.2	92.8

PERIOD: (DVER-ALL) 1963-1972

TO SERVICE OF THE SER

				PC	T FFFO D	F WIND	SPEED	(KTS) AND DIR	ECTION V	ERSUS S	EA HEIG	HTS (FT)		
нст	1-3	4-10	11-21	N 22-33	34-47	48+	PCT	1-3	4-10	11-21	NE 22-33	34-47	48+	PCT
<1	.0	0	.0	•0	.0	•0	.0	•0	.0	.0	.0	•0	.0	
1-2	.0	.0	•0	•0	.0	.0	.0	.0	ě	.0	.0	•0	.0	.0
3-4	•0	.0	•0	.ŏ	.0		ŏ	, o	.0	.0			.0	.0
5-6	:0	:0	.0	.0	. 0	.0	ě	ő	ŏ	ŏ		•0		.0
770	ě	.ŏ	•0	.0	·ŏ	.ŏ	.ŏ	.ŏ	.0	ě		•0	.0	.0
8-9	ŏ	.0	•0	.0	.ŏ	.0		.0	.0	.0		•0	.0	.0
10-11		.0	•6	.0	ň	.0	ŏ	.0	•0			•0	.0	.0
12	č	ŏ	.0	.õ	.0		.0	.0	.0	.0		•0	.0	.0
13-16	.0	:6	. 0		• 2	.0	.0	٥٠	.0	.ŏ	.0	•0	.0	•0
17-19	.0		•0	.0	í	.0	.0	ò	.0	.0		• 0	.0	.0
20-72		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0
23-25	.5	.ŏ	.0	.0	.0	. 0	.0	.0	.0	.0	.0	•0	.0	.0
26-32	. 5	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0
33-40	.5	, ñ	.0	.0	.ŏ	.0	.0	.0	.0	. 5		•0	.0	.0
41-48	.0	.0	.0	.0		•0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.c	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0
71-86	.0	.0	•0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0
87+	·c	.0	•0	.0	.0	.ò	.0	.0	•0	.0	.0	•0	.0	•0
TOT PCT	.0	.0	•0	•0	.0	.0	•0	•0	•0	•0	.0	•0	•0	•0
HGT	1-3	4-10	11-21	E 22-33	34-47	48+	PCT	1#3	4-10	11-21	SE 22-33	34-47	48+	PCT
<1	.0	.0	•0	•0	•0	.0	•0	• 0	•0	.0	.0	•0	.0	•0
1-2	. 6	15.2	.0	.o	ě	.0	15.2	.0		9.1	.ŏ	.0	.0	24.2
3-4	. 0	2.3	11.4	.0	.0	.0	13.5	.0		9.8	3.0	•0	.0	13.6
5-6	. 0	.0	6.1	.0	.0	.0	6.1	.0	3.0	3.0	.0	•0	.0	6.1
7	.0	.0	2.3	3.0	.0	.0	5.3	•0	•0	.8	.0	•0	.0	. 8
8-9	.0	.0	•0	.0	.0	.0	.0	•0		.0	.0	•0	.0	•0
10-11	.0	.0	•0	.0	.0	•0	.0	• າ		.0	.0	•0	.0	•0
12	.0	٠.	•0	.0	.0	.0	.0	,0		•0	.0	•0	.0	.0
13-16	.0	.0	•0	.0	.0	.0	.0	,0		•0	.0	+0	.0	•0
17-19	.0	.0	•0	.0	.0	•0	.0	.0		•0	.0	•0	.0	•0
20-22	٠.	.0	•0	.0	•0	•0	.0	*0		.0	.0	•0	•0	•0
23-25	•0	.0	•0	.0	.0	•0	.0	.0		•0	.0	•0	•0	•0
26-32	•0	.0	•0	.0	.0	.0	.0	•0		•0	.0	•0	.0	•0
33-40	.0	.0	• 0	.0	•0	•0	.0	•0	• 0	.0	.0	•0	٠,	.0
41-48	.0	.0	•0	.0	•0	.0	.0	•0		•0	.0	•0	.0	•0
49-60	.0	.0	• 0	.0	.0	.0	.0	•0		.0	.0	•0	•0	•0
61-70	.0	.0	•0	.0	.0	.0	•0	.0		•0	.0	•0	.0	•0
71-86	.0	.0	•0	.0	.0	.0	•0	•0		.0	• 6	•0	•0	•0
87+	.0	.0	•0	.0	.0	•0	.0	ه.		0	0	•0	.0	0
TOT PCT	.0	17.4	19.7	3.0	.0	.0	40.2	•0	18.9	22.7	3.0	•0	.0	44.7

PERIOD: (OVER-ALL)			1963-1	972					JUNE				4054	0010	CALITHUE	ST JAVA S	E A
		,						TABLE	18 (CONT	)			-	5	.45 10E	. 6E	-
				PC	T FREQ	OF WIND	SPEED	(KTS)	AND DIREC	TION	VERSUS	SEA HEIG	HTS (FT)	1			
HGT	1-3	4-10	11-21	\$ 22-33	34-47	48+	PCT		1=3	4-10	11-21	5W 22-33	34-47	48+	PCT		
<1	.0	.0	•0	.0	.0	.0				.0		.0	.0				
1-2	.0	.0	•0	.0	.0	.0	,0		.0	.0		.0	.0	.0	.0		
3-4	.0	2.3	•0	.0	.0	.0	2,3		.0	4.5	.0		.0		4.5		
5-6	.0	.0	•0	.0	•0	•0	.0		•0	•0		•0	.0	.0	.0		
7 8-9	.0	.0	•0	.0	.0	•0	.0		•0	.0		.0	•0	.0	•0		
10-11	.0	.0	•0	•0	.0	•0	•0		•0	•0		•0	•0	.0	•0		
12	.0	.0	•0	.0	•0	.0	•0		•0	•0		•0	•0	.0	•0		
13-16	.0	.0	•0	.0	.0	.0	•0		•0	.0		.0	•0	.0	•0		
17-19	.ŏ		•0	.0	.0	.0	.0		.0	.0		•0	•0	.0	•0		
20-22	.0	.ŏ	•0		.0	.0	.0		ő			•0	.0	.0	•0		
23-25	.0	.0	.0		.0	.ŏ	.0		ő	.0		.0	.0	:0	.0		
26-32	.õ	.0	·ò		ŏ		ŏ		ŏ			٠٥	ŏ	:0	•0		
33-40	.0	.0	• 0	.0	.0	.0	.0		.0	.0			•0	.0	.0		
41-48	.0	.0	•0	.0	.0	•0	.0		.0	iò			•0		.0		
49-60	.0	.0	•0	.0	.0	.0	.0		.0	.0		.0	.0	.0	.0		
61-70	•0	.0	•0	.0	.0	•0	•0		.0	.0		.0	.0	.0	.0		
71-86	•0	•0	•0	.0	.0	•0	•0		.0	.0		•0	•0	.0	.0		
87+	•0	0	• 0	.0	.0	.0	.0		.0	0		.0	•0	.0	.0		
TOT PCT	.0	2.3	•0	•0	•0	•0	2.3		•0	4.5	.0	•0	•0	-0	4.5		
				w								NW				TOTAL	
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10		22-33	34-47	48+	PCT	PCT	
<1	•0	.0	•0	.0	•0	•0	.0		•0	•0		.0	•0	.0	•0	=	
1-2	٠,٥	.0	•0	.0	.0	•0	.0		•0	.0		.0	•0	.0	•0		
3-4 5-6	.0	2.3	•0	.0	•0	•0	2.3		•0	6.1		•0	•0	.0	6.1		
7	.ŏ	.ŏ	•0	•0	.0	•0	•0		•0	•0		.0	•0	.0	•0		
8-9	:ŏ	.ŏ	.0	.0	.0	.0	.0		•0	.0		•0	•0	.0	•0		
10-11	.0		.0	.0	.0	٠٥	.0		.0	ŏ		•0	•0	.0	.0		
12	.0	.0	.0		.0		ěŏ		ñ	ěŏ		.0	.0	.0	.0		
13-16	.0	•0	.0	.0	.0	•0	.0		. 0	ŏ		.0	.0	.0	.0		
17-19	.0	.0	•0	.0	.0	.0	.0		.0	ŏ			ŏ		.0		
20-22	•0	.0	•0	.0	.0	.0	•^		.0	.0		.0	.0	.0	.0		
23-25	.0	.0	•0	•0	.0	•0	•0		.0	.0	.0	Ŏ	.0	.0	.0		
26-32	•0	.0	•0	.0	•0	•0	.0		•0	.0		.0	•0	.0	.0		
33-40	•0	•0	•0	•0	•0	•0	•0		•0	•0		•0	•0	.0	.0		
41-48	٠٥	• 0	•0	.0	•0	•0	•0		•0	•0		•0	•0	.0	•0		
61-70	.0	.0	•0	.0	.0	•0	•0		•0	•0		.0	•0	•0	•0		
71-86	.0	.0	•0	.0	.0	.0	•0		•0	•0		•0	•0	•0	•0		
87+	ě	.0	•0	.0	.0	.0	.0		•0	.0		•0	•0	•0	.0		
TOT PCT	.0	2.3	.0		.0	.0	2.3		•0	6.1	.0	•0	•0	•0	.0	100.0	
• .	• • •		•••		••	••	,		•0	•••	•0	•0	•0	•0	6.1	100.0	

	MIND	SPEED	(KTS)	VS 5E4	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-23	34-47	48+	PCT	TOT
<1	.0	•c	.0	.0	.0	٠0	.0	085
1-2	iŏ	30.3	9.1	ŏ	ŏ	ŏ	39.4	
3-4	. 0	18.2	21.2	3,0			42.4	
5-6	.0	3.0	9.1	ŏ		.0	12.1	
7			3.0	3,0		.0	6.1	
8-9				.0		·ő		
10-11	.0	.0	ŏ	.0	.0			
12	:0	.0	.0	.0	.0	.0	•0	
13-16	.0	.0	.0			.0	•0	
17-19	.0			•0	.0	.0	•0	
20-22		•0	•0	•0	.0	.0	.0	
	٠.٥	•0	•0	.0	.0	.0	•0	
23-25	.0	•0	.0	.0		.0	.0	
26-32	.0	•0	.0	.0	.0	.0	.0	
33-40	.0	•0	.0	.0	.0	.0	.0	
41-48	.0	•0	.0	.0	.0	.0	.0	
49-40	.0	•0	.0	.0	.0	.0	.0	
61-70	.0	• 0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	ŏ	
87+	.0	.0	.0	ŏ	.0	.0		
		•-	• • •	••	• •	•••	••	33
TOT PCT	.0	51.5	42.4	6.1	.0	.0	100.0	•

PERIOD: (OVER-ALL) 1949-1972 PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) PERIDO (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70 71-86 32.3 11.3 1.6 8.1 .0 3.2 .0 .0 .0 3.2 .0 3.2 .0 3.2 23 18 37.1 29.0 11.3 1.6 .0 .0 .0 .0 1.6 41 8 3 0 2 0 8 62 100.0 ........ •••••••• 1.6 1.6 .0 .0 .0 1.6 000000000 0000000000 000000000 ....... 0000000000 0000000000 .00000000 0000000000 000000000 000000000 000000000 0000000000

PERIOD:	(PRIMARY)	1913-1972
	(OVFR-Att)	1858-1072

AREA 0010 SOUTHWEST JAVA SEA 5.55 108.8E

PERCENT FREQUENCY	ns.	MEATHER	OCCURRENCE			
LEVECHA LUCADENER	٧r	REMINER	DUCCORRENCE	AY	WIND	DIRECTION

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND CIR	RAIN	RAIN	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG WD PCPN	FOG WO PCPN PAST HR	SMOKE	SPRAY BLWG DUST BLWG SNOW	ND SIG
N NE E SE SW W W NG VAR CALM	.0 .0 .0 .0 2.2 .0 .0 30.8	2.5	.0 7.1 .0 .0 .0	.0		.00000000000000000000000000000000000000	00000000000	7.1 2.5 .6 2.2 10.0 30.8	.0 .0 1.1 .0 10.0	3.5 2.5 1.1 8.8 .0	10.6 4.3 2.8 4.4 10.0 .0	000000000000000000000000000000000000000	11.8 .0 1.2 .0 .0 .0 23.1 23.1	.00	88.2 79.8 89.5 94.4 84.6 70.0 76.9 41.2
TOT PCT TOT CBS:	1.2 254	1.2	.8	.0	.0	•0	.0	3.1	.8	2.4	4.3	.0	2.0	•0	87.4

TABLE 2

## PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HOU? (GMT)	RAIN	RAIN	DRŽL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNDW	ND SIG WEA
00603 06609 12615 18621	2.0 .0 1.7 1.0	.0 1.7 2.1	2.0 1.5 .0	.0	.0	••	.0	4.1 1.5 3.3 3.1	.0 .0 .0 2.1	.0 1.7 5.2	2.0 8.8 3.3 4.1	•0	.0 5.9 1.7	•0	93.9 83.8 90.0 84.5
TOT PCT TOT CBS:	1.1 274	1.1	.7	•0	•0	•0	•0	2.9	.7	2.2	4.7	•0	2 • 2	•0	87.2

#### TARLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND CIR	0-3			22-33		48+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	на <b>и</b> к 09	(GMT) 12	15	18	21
N NE E SE S N WAR CALM TOT OBS	1.1 1.4 3.1 1.7 .6 1.2 .3 .0 2.7 101 12.8	2.2 8.2 19.6 20.9 7.2 2.8 1.1 1.3 .0 498 63.3	2.0 8.5 9.8 2.7 .4 .1 .0 187 23.8	.0	• • • • • • • • • • • • • • • • • • • •	.00	787	2.9 11.4 29.6 33.9 11.7 3.9 2.4 1.7 .0 2.7	5.4 7.5 9.0 9.0 6.6 4.0 5.2 8.1	3.9 19.3 54.1 15.7 3.9 2.2 .0 .0 115	27.3 68.2 .0 .0 .0 .0	1.6 3.3 30.7 43.2 10.3 5.1 1.5 .7 .0 2.9 136	8.5 20.5 35.0 22.0 6.0 1.5 3.0 2.5 1.0 100	19.1 5.9 2.9 5.3 4.1 .0 1.6	6.3 59.4 12.5 3.1 6.3 .0 .0 6.3 16	2.3 11.9 35.9 23.7 12.4 4.7 3.0 5.9 149	7 5.8 22.8 40.2 19.9 4.3 2.5 .0 3.6 138

TAR:	F	34	

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNDTS) 28-40	41+	TOTAL OBS	PCT FREQ	HEAN SPD	00	HBUI 66 69	(GMT) 12 15	10 21
N HE S S SW WW VAR CALM TOT DRS TOT PCT	2.2 5.7 9.2 11.2 5.1 2.7 2.2 .8 .0 2.7 329 41.8	.7 5.4 18.7 20.2 6.1 1.0 .2 .8 .0 417 53.0	.0 .3 1.7 2.5 .4 .3 .0 .0	.0	.00	787	2,9 11.4 29.6 33.9 11.7 3.9 2.4 1.7 	5.4 7.5 9.0 9.0 7.8 6.6 4.0 6.5 .0	4.0 20.0 55.4 14.3 3.6 2.0 .0 .0 126	4.7 10.6 32.5 34.2 8.5 3.6 2.3 1.5 2.1 236 100.0	4.3 24.6 33.3 18.3 5.6 3.3 4.7 3.6 2.2 138 100.0	1.6 29.6 31.6 16.0 4.5 1.6 4.5 287

TABLE 4 5.58 108.8E  PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)  WIND SPEED (KNNTS) PCT TOTAL  HOUR CALM 1-3 4-10 11-21 22-33 34-47 48+ MEAN FREQ OBS  00E03 .0 10.3 57-1 32.5 .0 .0 .0 9.2 100.0 126 06E09 2.1 10.2 62.7 25.0 .0 .0 .0 9.2 100.0 236 12E15 2.2 10.9 70.3 16.7 .0 .0 .7.3 100.0 138							JUĽY					
WIND SPEED (KNNTS) PCT TOTAL HOUR CALM 1-3 4-10 11-21 22-33 34-47 48+ HEAN FREQ OBS  OOE03 .0 10.3 57:1 32.5 .0 .0 .0 9.2 100.0 126 OOE09 2.1 10.2 62:7 25:0 .0 .0 .0 8.2 100.0 236 12E15 2.2 10.9 70.3 16.7 .0 .0 .0 7.3 100.0 138							TARLE 4				AREA O	
HOUR CALM 1-3 4-10 11-21 22-33 34-47 48+ MEAN FREQ OBS OCCUPANT OF THE CONTROL OF			PER	CENTAGE	FREQUE	ENCY OF	WIND SP	EED BY	HOUR	(GHT)		
06609 2.1 10.2 62.7 25.0 .0 .0 .0 8.2 100.0 236 12615 2.2 10.9 70.3 16.7 .0 .0 .0 7.3 100.0 138	HOUR	CALH	1-3	4-10				48+	HEAN			
TOT 21 80 498 187 1 0 0 8-1 787	06609 12615 18621 TOT	2.1 2.2 4.5 21	10.2 10.9 9.8 80	62.7 70.3 63.1 498	25.0 16.7 22.3 187	.0	.0	•0	8.2 7.3 7.8	100.0 100.0 100.0	236 138 287	

ARLE 5			
CLOUD APOUNT	(EIGHTHS)	PERCENTAGE	FREQUE

	PCT FRE			CLOUD A		(EIGHTHS)		1					CEILIN					
MND DI	0-2	3-4	5-7	8 & 085CD	TOTAL	NEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000 1 <b>99</b> 9	2000 3499	3500 4999	5000 6499	6500 79 <b>9</b> 9	8000+	NH <5/8 ANY HGT	
N	.0	.0	.0	•0		•0	•0	.0	.0	.0	.0	.0	.0	•0	•0	.0	•0	
NE	1.8	2.9	1.5	2.9		4.6	•0	.0	.0	1.5	.0	.0	1.5	•0	•0	.0	6.3	
É	17.6	10.3	10.7	•0		3.0	•0	•0	.0	•0	2.9	.0	.7	•0	•0	1.5	33.5	
ŠE	14.7	11.0	11.4	.7		3.3	•0	.0	.0	.0	2.2	1.5	.7	•0	•0	.0	33.5	
Š	2.6	3.7	•0	.7		2.9	•0	•0	.0	.0	.7	.0	.0	•0	•0	.0	6.3	
SW	1.5	.0	2.9	•0		4.6	•0	•0	.0	.0	.0	1.5	.0	•0	•0	.0	2.9	
¥	.0	.0	.0	•0		.0	•0	.0	.0	.0	.0	.0	.0	•0	.0	.0	• 9	
Ñ₩	.0	, č	1.5	·ŏ		7.0	•0	.0	.0	.0		•0	.0	•0	• 0	.0	1.5	
VAR	.0	.0	.0	-0		•0	•0	.0	.0	.0	.0	40	.0	•0	•0	.0	.0	
CALH	.0	1.5	•0			3.0	•0	.0	.0	.0	.0	•0	.0	•0	•0	•0	1.5	
TOT OR		20	19	• • • • • • • • • • • • • • • • • • • •	68		70	Ö	ò	ĭ	• • •	• • •	ž	**	Ť	• •	50	68
TOT PC		29.4	27.9	4.4	100-0		•5	•0	•0	1.5	5.9	2.9	2.9	•0	•0	1.5	85.3	100.0

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH )4/81 AND YSBY (NH)

					VSBY (NH	,			
	CEILING	- CR	- DR	= OR	• ng	• DR	• DR	- DR	• DR
	(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• 0	R >6500	1.4	1.4	1.4	1.4	1.4	1 4	1.4	1.4
• 0	R >5000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
• 6	R >3500	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
• 0	R >2000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
	R >1000	10.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9
	R >600	11.4	14.3	14.3	14.3	14.3	14.3	14.3	14.3
	R >300	11.4	14.3	14.3	14.3	14.3	14.3	14.3	14.3
	R >150	11.4	14.3	14.3	14.3	14.3	14.3	14.3	14.3
. 0	4 > 0	11.4	14.3	14.3	14.3	14.3	14.3	14.3	14.3
	TOTAL	•	10	10	10	10	10	10	10

TOYAL NUMBER OF OBS: 70 PCT FRED NH <5/8: 85.7

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

c	1	2	3	4	9	6	7		BSCD	DES
19.3	25.3	21.3	14.7	10.7	1.3	1.3	8.0	4.0	•0	75

							•	JULY						
PERIOD: (PRIMARY) 1 (OVER-ALL) 1							TAI	LE B				ARE	A 0010	SDUTHWEST JAVA SEA 5.55 108.8E
		•	ERCENT		OF WING								E OF	
VSBY (MM)		N	NE	ε	SE	5	Sw	¥	Nw	VAR	CALH	PET	TOTAL DBS	
<1/2	PCP NO PCP TOT %	.0 .0	.0 .0	•0	•0	•0	.0 .0	•0	•0	•0	•0	.0		
1 /24	PCP NO PCP	.0	.0	1.0	•0	•0	.0	.0	•0	.0	•0	2.4		
1/261	TOT \$	•0	• •	1.0	•6	•4	•0	.0	•0	.0	•0	2.4		
1<2	PCP ND PCP TOT %	.0 .0	•0	•0 •4 •4	•0	•0	•0 •0	•6	.6 .6	••	•0	1.6 1.6		
2<5	PCP ND PCP	•0	•0	.0	.0 .8	•0	•0	.0	•0	:0	•0	3.		
	TOT &	.0	.0	.4	.2	•2	.4	.0	.8	.0	•0	2.0		
5<10	NO PCP TOT %	2.0	5.7		14.9	4.5	2.4	2.0	1.4	.0	.8	43.3		
10+	PCP NO PCP TOT %	1.4 1.4	4.2 5.0	18.6 19.0	18.4 18.4	4.0 4.0	1.5	•0	•6	.0	0. 0. 0.	1.2 48.8 50.0		
	TOT OBS	3.3	11.1	31.9	34.8	9.0	3.9	2.6	2.6	.0	.8	100.0	254	

						OF WIN					ED		
VSBY (NH)	SPD KTS	N	NE	E	SE	\$	SW	#	NW	VAR	CALM	PCT	TOTAL DBS
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	•0	
<1/2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	•0	.0	.0	.0	.0		•0	
	22+	.0	.0	.0	.0	•0	.0	•0	•0	•0		•0	
	TOT %	.0	.0	•0	•0	•0	•0	.0	•0	.0	.0	•0	
	0-3	.0	-0	.0	.0	.0	.0	•0	.0	.0	.0	.0	
1/2<1	4-10	.0	.3	. 6	.3	•0	.0	•0	.0	.0		1.1	
	11-21	.0	.0	•1	• 1	.3	.0	.0	.0	•0		.6	
	22+	.0	.0	•0	.0	•0	.0	•0	•0	•0		.0	
	TOT %	.0	.3	.7	•4	.3	.0	•0	.0	.0	.0	1.7	
	0-3	.0	•0	•0	•0	.0	.0	.3	.0	.0	•0	.3	
1<2	4-10	.0	.0	.3	.0	•0	.0	.0	.3	.0		.6	
	11-21	.0	•0	٠,0	•0	.0	•0	•1	.1	۰.		,3	
	22+	.0	•0	•0	•0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	•	.3	•0	•0	.0	• •	.4	.0	.0	1.1	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	.0	•0		.8	.0	.0	•0	.0	.0		1.7	
	11-21	.0	•0	•0	•1	.1	.0	.0	.0	.0		.3	
	22+	.0	.0	•0	.0	,0	.0	.0	•0	.0		.0	
	TOT \$	.0	•0	. 8	1.0	.1	.0	•0	.0	•0	•0	2,0	
	0-3	.1	.0	.3			.3	.3	.1	.0	-6	3,4	
5<10		1.1	3.6	4.8	7.6	2.0	1.1	1.4		.0		22.6	
	11-21	• 1	3	3.1	2.8	• 7	.3	•0	,ņ	•0		7,3	
	22+	.0	.0	.0	0	.0	0	0	.0	.0		0	
	TOT %	1.4	4.1	8.2	11.2	3,5	1.7	1.7	1.0	•0	.6	33,2	
	U-3	.4	1.5	.8		.3	.0	.0	.0	.0	1.1	5.0	
10+	4-10	1.0	5.9	15.2	12.3	4.3	.,	•0	.4	.0		39,9	
	11-21	.0	1.3	6.1	7.5	1.6	.3	•0	.0	•0		16,6	
	22+	.0	.0	• 2	1	,0	.0	٠.٥	.0	.0		3	
	TOT \$	1.4	8.7	22.3	20.7	6.2	1.1	•¢	.4	.0	1.1	62,0	
	TOT ORS												358
	TOT PCT	2.8	13.1	32.3	33.4	10.1	2.8	2.1	1.0	•0	1.7	100.0	

PERIOD:	(PRIMARY)	1913-1972
	(MUED-ALL)	1858-1072

AREA 0010 SOUTHWEST JAVA SEA 5.55 108.8F

PERCENT	FREQUENCY OF CEICING HEIGHTS (FEET, NH OCCURRENCE OF NH <3/8 BY HOUR	>4/8)	AND
	DECORREGE OF NO COLD BY MUCK		

HOUR (GHT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
60300	.0	•0	•0	5.3	15.8	5.3	.0		.0	•0	26.3	73.7	19
90360	.0	•0	•0	•0	.0	6.7	6.7	.0	.0	.0	13.3	86.7	15
12615	.0	.0	.0	.0	•0	•0	.0	.0	.0	4.8	4.8	95.2	21
18821	.0	•0	•0	•0	5.3	.0	5.3	.0	.0	.0	10.5	49.5	19
TOT	0	0	0	1	5.4	2.7	2.7	0	0	1 1	10	64	74

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY V\$8Y	(NM)	BY HOUR		CUMULAT					VSBY (NM) )>BY HOUR	
HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HDUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 ANU 5+	TUTAL UBS
00603	.0	1.5	.0	.0	32.8	65.7	67	00003	•0	.0	5.6	22.2	72.2	18
90360	•0	5.2	3.1	1.0	30.2	60.4	96	90360	•0	•0	.0	13.3	86.7	15
12615	.0	.0	1.2	6.2	28.4	64.2	<b>0</b> 1	12615	•0	•0	.0	5.3	94.7	19
18621	.0	.0	.7	.7	43.3	55.2	134	18621	.0	•0	.0	11.1	88.9	18
TOT PCT	.0	1.0	1.3	1.7	132 34.9	228 60.3	378 100.0	TOT PCT	•0	•0	1.4	12.9	85.7	70 100•0

TARLE 13

TABLE 14

	3																			
PERCENT FREQUENCY OF PELATIVE HUMIDITY BY TEMP TEMP F 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100							Y TEMP	TOTAL	PET		PERC	ENT FR	EQUEN	Y 0# W	IND DI	RECTIO	N BY T	E M P		
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	Des	FREQ	N	NE	E	\$£	5	SW	Ħ	NW	VAR	CALM
85/89	.0	.0	.0			1.7			7	3.9	.3	.3	1.0	.3		.3	.0	.0	.0	.0
80/84	.0	.0	.0	2.8	9.4	38.7	23.2	5.0	143	79.0	3.0	11.5	22.0	26.9	7.0	3.6	1.4	3.0	.0	
80/84 75/79 TDTAL	.0	.0	.0	•6	.0	6.1	8.3	2.2	31	17.1	.3		3.5	6.5	2.0	.6	2.2	.6	.0	.ŏ
	Ü	· ·	0		21				161	100.0										
PCT	•0	•0	•0	3.3	11.6	46.4	31.5	7.2			3.6	12.6	27.3	33.7	10.5	4.4	3.6	3.6	.0	.6

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR							Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTIGIM	84 HDUI	t		
HOUR (GMT)	MAX	99%	95%	50%	5×	1%	MIN	MEAN	TOTAL OBS	HUUR (GMT)	0-29	30-59	60-69	70-79	80-89	<del>9</del> 0-100	HEAN	TOTAL
00603 06609 12615	86 89	#5 ##	84 86	81 83	79 90	77 77	75 76	81.1 82.8	124 227	00403 00409	.0	6.3	35.4	50.0 33.3	43.8	6.3	90 74	32 48
18651	86 87	85 84	84 83	82 81	78 76	73 75	73 75	81.7 80.5	140 294	12615 18621	.0	2.4	7.1	64.3 45.3	23.8	10.7	77 80	42 75
TOT	#9	#6	85	85	78	75	73	81.5	785	TOT	0	•	22	93	61	15	78	197

JULY

PERIOD: (PRIMARY) 1913-1972 (OVER-ALL) 1858-1972

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TABLE 17

AREA 0010 SQUTHWEST JAVA SEA 5.95 100.8E

 $\mathbb{C}^1$ 

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE DCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SFA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	73 76	77 80	81 84	85 88	89 92	TOT	₽ FOG	#DG
7/8	.0	•0	.0	.5	.0	1	•0	.5
4	.0	•0	.5	1.4	.0	4	• 0	1.9
3	.0	•0	2.3	.0	.0	5	•0	2.3
Ž	.0	•0	5.1		.5	14	.0	6.5
3 2 1 0	.0	.9	4.7	1.4	.0	15	1.4	5.6
ŏ	.0	2.8		1.4	•ŏ	66	2.8	28.0
-ī	ŏ	3.7		.0	.ŏ	32	.5	14.5
-1 -2 -3	.0	4.7	15.0	.0	.0	42	.5	19.2
-3		4.2	3.3	.0	.õ	16	. 5	7.0
-4	.;	3.7	1.4	ō	.0	13		6.1
-5	. 5	1.9	. 5	.0	.ŏ	- 6	.0	2.4
TOTAL	- '3		151	••	ĭ	•	12	202
5	•	47		12	•	214	46	245
PCT	1.4		70.6	4.4	. 5	100.0	4.6	94.40

PERIOD: (OVER-ALL) 1963-1972

				<b>*</b> C	T FRED C	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)	ı	
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT		1-3	4-10	11-21	NE 22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.0	.0	•0		.0	3.2		•0	.0	.0	3.2
1-2	.0	.0	•0	.0	.0	.0	.0		.0	6.5	.0	.0	.0	.0	6.5
3-4	.0	.0	•0	•0	.0	•0	•0		•0	.0	.0	•0	•0	.0	.0
5-6	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	•0	.0	.0
7	.0	.0	•0	•0	.0	•0	.0		.0	:0	.0	.0	•0	.0	.0
9.49	.0	.0	•0	-0	.0	•0	•0		.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	•0	•0	.0	•0	•0		•0	.0	.0	•0	•0	.0	.0
12	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	•0	•0	.0	.0
13-16	•0	.0	•0	•0	.0	•0	•0		.0	•0	.0	.0	•0	.0	.0
17-19	.0	.0	•0	•0	.0	•0	•0		.0	.0	.0	.0	•0	.0	.0
20-22	.0	.0	•0	-0	.0	•0	•0		.0	.0	.0	•0	•0	.0	.0
23-25	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	.0	•0	.0	.0
26-32	.0	.0	•0	•0	.0	•0	.0		•0	.0	•0	• 0	•0	•0	.0
33-40	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	•0	•0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
49-60	•0	٠.	•0	.0	.0	•0	.0		.0	.0	.0	•0	•0	.0	.0
61-70	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	•0	.0	.0	.0
71-86	.0	.0	•0	.0	.0	•0	•0		.0	.0	.0	.0	•0	.0	.0
87+	.0	.0	•0	•0	.0	•0	•0		.0	.0	.0	•0	•0	.0	.0
TOT PCT	.0	.0	•0	•0	•0	•0	•0		•0	9.7	•0	•0	•0	•0	9.7
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	•0	.0	•0	0		.0	, 0	.0	•0	•0	•0	.0
1-2	3.2	8.1	6.5	.0	.0	•0	17.7		3,?	6.1	.0	.0	•0	.0	11.5
3-4	.0	.0	16.9	.0	•0	•0	16.9		•0	•0	15.3	•0	•0	.0	15.5
5-6	.0	.0	2.4	.0	•0	•0	2.4		•0	.0	4.8	•0	•0	.0	4.8
7	.0	.0	2.4	.0	.0	•0	2.4		•0	.0		•0	•0	.0	
1-9	.0	.0	•0	.0	•0	•0	•0		•0	.0	3.2	•0	.0	.0	3.2
10-11	•0	.0	•0	•0	۰.	•0	•0		•0	.0	•0	•0	•0	.0	•0
12	•0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	•0	.0
13-16	.0	.0	•0	•0	•0	.0	•0		•0	.0	•0	•0	•0	.0	•0
17-19	•0	.0	•0	•0	•0	•0	•0		•0	•0	٠0	•0	•0	.0	.0
20-22	•0	.0	•0	.0	•0	•0	•0		•0	•0	.0	.0	•0	ů.	.0
23-25	•0	.0	•0	.0	•0	•0	•0		•0	٥٠	.0	•0	•0	.0	.0
26-32	.0	.0	•0	•0	.0	•0	•0		•0	.0	•0	•0	•0	.0	•0
33-40	•0	.0	•0	.0	.0	.0	•0		•0	•0	.0	•0	•0	•0	•0
41-48	•0	.0	•0	•0	•0	•0	•0		•0	.0	•0	•0	•0	.0	•0
49-40	٠.٥	.0	•0	•0	•0	•0	•0		•0	.0	•0	•0	•0	.0	•0
61-70	•0	.0	•0	.0	.0	•0	•0		•0	•0	•0	.0	•0	.0	.0
71-06	.0	.0	•0	.0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0
87+	0	0	0	•0	•0	•0	0		0	.0	.0	•0	•0	•0	0
TOT PCT	3.2	8.1	20.2	•0	.0	•0	39.5		3,2	8.1	24.2	•0	•0	.0	35.5

PERIODI	/ OVE		1043-1	072					JULY				ARFA	0010	SOUTHWE	ST JAVA SEA
PERTUDI	TUVE		1403-1	412				TABLE	18 (CON	7)					55 108	
				PC	T FREO	OF WIND	SPEED	(KTS)	AND DIR	ECTION	VERSUS S	EA HEIG	HTS (FT)			
				5								SW				
HGT	1-3	4-10	11-21	22-33	34-47	45+	PCT		1-3	4-10		22-33	34-47	48+	PCT	
<1	•0	.0	•0	•0	.0	•0	.0		•0	. • 9		٠.	•0	.0	.0	
1-2	.0	.0	3.2	•0	.0	.0	3.2		•0	3.2		.0	•0	.0	3.2	
3-4	٠,٥	•0	• 0	•0	.0	٠٥.	3.0		•0	.0		.0	•0	:0	3.2	
5=6 7	.0	.0	2.4	•0	.0	.0	2.4		•0	:0		.0	•0	.0	.0	
8-9	.0	.0	•0	•0	.0	:0	.0		.0	č		:0	ě	ě		
10-11	ě	.ŏ	•0		ő	٥٠	.0						•0	.0	.0	
12	·ŏ		.0		ŏ	. 0			.0			.0	•0	.0	.0	
13-16	.0	.0	•0	• 0	.0	.0	.0		.0	. (		.0	•0	.0	•0	
17-19	.0	.0	•0	.0	.0	.0	.0		.0	. (		.0	•0	.0	•0	
20-22	.0	.0	•0	.0	.0	.0	.0		•0	• (		-0	•0	.0	•0	
23-25	.c	.0	•0	.0	.0	.0	•0		•0	• 9		•0	•0	•0	•0	
26-32	•0	•0	•0	•0	.0	•0	•0		• 0	• 9		• • •	•0	•0	•0	
33-40	.0	.0	•0	.0	.0	•0	.0		.0	• •		.0	•0	.0	•0	
41-48	•0	.0	•0	.0	•0	•0	•0		•0			•0	•0	.0	.0	
49-60	•0	.0	•0	.0	•0	•0	•0		•0			.0	•0	• • • • • • • • • • • • • • • • • • • •	.0	
61-70 71-86	.0	.0	.0	.0	.0	.0	•0		ő			.0	.0	.6	ě	
87+	.0	:0	2.	.0		.0	.0		.0	:					.0	
TOT PCT	٥	.0	5,6		.0		5.6		.0	3,		.0	•0	.0	6.5	
																TOTAL
HG*		4 10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
4G.	1-3	4-10	11-51	.0	.0	•0			,0	70.0		.0	•0	7.0		, ,
1-2	.0	.0		.0	.0	•0	•0		.0	3,		.0	•0		3.2	
3-4	č	.ŏ	ò	.0	.0		.0		ŏ				•0	.0		
5-6	.0	.0	.0	.0	.0	•0	•0		.0			•0	• 0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0		.0			.0	•0	.0	.0	
8-9	.0	.0	• 0	.0	.0	•0	•0		.0			•0	•0	•0	.0	
10-11	.0	.0	•0	.0	.0	•0	•0		•0			•0	•0	.0	•0	
12	•0	.0	•0	•0	•0	•0	•0		•0			•0	•0	.0	.0	
13-16	•0	.0	•0	.0	•0	.0	•0		•0			•0	•0	.0	•0	
17-19	•0	•0	•0	.0	•0	•0	•0		.0			•0	•0	.0	.0	
20-22 23-25	.0	.0	•0	.0	.0	•0	•0		.0			.0	.0	.0	.ŏ	
26-32	.0	.0	.0	.0	.0	•0	.0		.0			•0	.0	.ŏ	.ŏ	
33-40	.0	.0	.0	.0	.0	•0	•0					.0	.0	.0		
41-48	.0	:ŏ	ő	• • • • • • • • • • • • • • • • • • • •			.0		č				.0		.0	
49-60	. 0		ñ	·ó	ŏ	.ŏ	.0						.0		.0	
61-70	.0	.0	.0	.0	.0	•0	.0		.0		0.0	•0	.0	.0	.0	
71-86	٠٠	.0	.0	.0	.0	.0	.0	1	•0			.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0		•0			•0	•0	•0	.0	
TOT PCT	.0	.0	.0	.0	.0	.0	•0		•0	3.	2 .0	.0	•0	.0	3.2	100.0

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	.0	3.2	.0	.0	.0	.0	3.2	093
1-2	6.5	29.0	9.7	.0	.0	.0	45.2	
3-4	.0	.0	32.3	.0	.0	.0	32.3	
5-6	.0	.0	12.9		.0	.0	12.9	
7	.0	.0	3.2		٠.	.0	3.2	
8-9	.0	.0	3.2		.0		3.2	
10-11		ŏ	.0	ō	.0		.0	
12	.0		.0	. 0	.0		.0	
13-16	.0		.0	ě	.0		.0	
17-19		٠٥	.0	.0	.0		.0	
20-22	.0			ŏ	.0		.0	
73-25	.0	ě		.0	.0			
26-32	.ŏ	.5	.č	.0	.0		.0	
33-40					.0		.0	
	.0	•0	٠.	•0				
41-40	.0	.0	.0		.0			
49-60	٠,٥	.0	.0	.0	.0		.0	
61-70	.0	.0	.0		•0		•0	
71-86	.0	.0	•0				.0	
87+	.0	.0	.0	.0	.0	.0	.0	
								31
TET PET	6.5	32.3	61.3	.0	.0	.0	100.0	

PERIOD	: (04	ER-ALL)	195	0-1972	•				TABLE	19											
					PERCENT	FRE	OUENCY D	F WAV	E HEIG	SHT (F	T) VS	WAVE PI	ERIOD	(SECON	1\$1						
PERIOD (SEC)	<b>&lt;</b> 1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	2.7	29.4	15.7	5.9	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28	3
6-7 8-9	.0	3.9	9.8	13.7	3.9	:0	.0	:0	.0	.0	:0	.0	.0	.0	.0	.0	:8	.0	:0	16	3
10-11	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
>13	.0	.0	.0	.0	:0	.0	•0	:0	••	.0	:0	.0	:8	•0		:6	:6	:8	.6	ő	
INDET	2.0	3.9	3.9	2.0	.0	.0	•0	.0	٠.	.0	:0	•0	.0		.0	.0	.0	.0	•0		3
PCT	3.9	37.3	31.4	21.6	3.9	2.0	•0	.0	.c	.8	٥٠	.0	.8	.0	.0	.8	.6	.8	.0	100.0	3

							AUGUS						1-1972	Y) 101	: (PRIMAR
T JAVA SEA	SDUTHWEST 5.45 108.6	:					TABLE						0-1972	LL) 180	(OVER-A)
		ON	IRECTI	IND DI	E BY W	CCURRENC	OF HEATHER	JENCY (							
	HENOMENA	THER PI	ER WEA	OTHE					N TYPE					RAIN	HND DIR
DUST SIG	MOKE SPRA HAZE BLWG D BLWG S		FDG PCP PAS	FOG WD PCPN	THOR	PCPN PAST Hour	PCPN AT DB TIME	HAIL	OTHER FRZN PCPN	SNOW	PRZG PCPN		SHWR		
.0 92.9 .0 85.5	7.1 9.2		)	.0	2.3	•0	.0 3.1	.0	:0	.0	.0	.0 3.1 .0	.0 1.2	.0 .0	N NE E
0 90.3	5.2	.0	)	.0	2.7 1.0	.6	1.2 2.1 .0	.0	.0	.0	.0	.0	1.0	1.0	SF S
0 84.0	5.4	.0 1	,	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	5 h
100.0	•0	.0	)	.0	.0	.0	.0	.0	:0	.0	.0	.0	.0	.0	NW VAR
.0 100.0		.0		.0	.0	•0	.0	٠.	.0	.0	۰.	.0	.0	.0	CALM TOT PCT
.0 91.5	5.2 .(	•0		.0	1.5	• •	1.5	•0	•0	.0	.0	.4	.7	271	TOT CAS:
							TARLE								
					RENCE	HER DCCUR	NCY OF WEA	FREQUE			RECIPI				
	ENOMENA				THOR	CPN PAST	PCPN AT	HAIL	OTHER	_	PRZG	DRZL	PAIN	RAIN	HOUR
DUST SIG	DKE SPRAY AZE BLWG DU BLWG SM	- NA	FOG PCPN PAST	FOG NO PCPN	LTNG	HOUR	OB TIME		PRZN PCPN	.0	PCPN .O	.0	.O	.0	(GMT)
.0 90.7 .0 69.7	7.7 .0	.0		.0	1.0	.0	2.6	•0	.0	.0	:0	1.3	1.3	.0	12615
0 92.2	6.3	,0 (		.0	2.3	.0	2.3	.č		•0	•0	.0	1.2	1.2	19621
.0 40.4	6.4 .0	,0 6		.0	1.4	•4	1.4	•0	•0	•0	.0	.4	.7	262	TOT PCT TOT CBS:
18 21	15 1	: (GHT) 12	H0UI 09	06 .0	o <b>3</b>	ON BY \$91	TABLE IND DIRECT PCT MEAN FREQ SPI	DTAL Des	48+ T	•0	(KNDT) 2-33 34	SPEED 1-21 2;	6-10 1: 2.0	0-3	WND CIR N NF
4.1 1.1 11.9 3.3 19.3 33.1	15 1: 5.3 4: 10.5 11: 42.1 39:	9.1 28.3 39.3	7.5 20.5 42.5	06 3.6 32.8	.0 11.1 22.2	00 00 2.9 23.2	PCT MEAN FREQ SPC 7.1 11.0 7.9 34.8 9.1 32.4 10.1	DTAL D&S	.0	.0	.0 .0 .0 .7	5PEED 1-21 2; .7 1.9 9.0	2.0 7.8 22.2	.7 1.3 2.9	N NF E SE
4.1 1.1 11.9 3.3 19.3 33.1 13.9 36.8 8.3 16.9	15 1: 5.3 4: 10.5 11: 42-1 39: 15.8 23: 26.3 8:	9,1 28,3 39,3 19,9	7.5 20.5 42.5 19.6	06 3.6 32.8 45.9	03 11-1 22-2 30-6	ON BY \$P	PCT MEAN FREQ SPI 11.0 7.9 34.8 9.1 32.4 10.1 9.9 8.3 3.2 7.6	DTAL D&S	.0	.0	.0 .0 .0 .7 1.0	SPEED 1-21 2; .7 1.9 9.0 1.4 2.4	2.0 7.8 22.2 16.5 1.9	.7 1.3 2.9 1.5	NF E SE S
4.1 1.1 11.9 3.3 39.3 33.1 23.9 36.8 8.3 16.9 5.2 5.9 2.6 .4	5.3 4 10.5 11 42.1 39 15.8 23 26.3 8 .0 5	9.1 28.3 39.3 15.9 .0 1.7	7.5 20.5 42.5 19.6 1.5 2.6	06 3.6 32.8 45.9 10.4 1.3 1.7	03 11-1 22-2 30-6 30-6	00 00 2.9 23.2 50.2 15.2 4.9	PCT MEAN FREQ SPI 11.0 7.9 34.8 9.1 32.4 10.1 32.4 10.1 32.4 10.1 6.0 6.1 6.1 6.1 6.1 6.1	DTAL D&S	.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0 .0 .7 1.0 .1	SPEED 1-21 2; .7 1.9 9.0 1.4 2.4 .8 .1	7.0 7.8 22.2 16.5 1.6 9	.7 1.3 2.9 1.5	N NF E SE S S H N W
4.1 1.1 11.9 3.3 39.3 33.1 23.9 36.8 8.3 16.9 5.2 5.9 2.6 .4 1.1 .4	15 1: 5-3 4: 10-5 11: 42-1 39: 15-8 23: 26-3 8: -0 5: -0 2: -0 1:	9.1 28.3 39.3 19.9 .0 1.7 1.7 .0	HOUI 09 7.5 20.5 42.5 19.0 2.0 2.0	06 3.6 32.8 45.9 10.4 1.3 1.7	03 11-1 22-2 30-6 30-6 -0	00 00 2.9 25.2 50.2 15.2 4.9	PCT MEAN FREQ SPI 11.0 7.9 34.8 9.1 32.4 100.1 9.9 8.3 3.2 7.6 6.1 6.0 1.3 3.3 6.1	OTAL OBS	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0	.0 .0 .7 1.0	SPEED 1-21 2; .7 1.9 9.0 1.4 2.4 .8 .1 .0 .G	2.0 7.8 22.2 16.5 1.9 1.9	.7 1.3 2.9 1.5 .6 .2 .1	N NF E SE S W NAM CALM TOT CBS
4.1 1.1 11.9 3.3 39.3 33.1 23.9 36.8 8.3 16.9 5.2 5.9 2.6 .4 1.1 .4	15 1: 5-3 4: 10-5 11: 42-1 39: 15-8 23: 26-3 8: -0 5: -0 2: -0 1:	9.1 28.3 39.3 15.9 .8 .0 1.7	7.5 20.5 42.5 13.5 2.0 2.0	.0 3.6 32.8 45.9 10.4 1.7 .3 .0	03 11-1 22-2 30-6 30-6 5-6	00 00 00 29 23-2 50-2 15-2 4-9 -0 00 2-5	PCT MEAN FREQ SPI 11.0 7.9 34.8 9.1 32.4 10.1 32.4 10.1 3.2 7.6 6.0 6.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	OTAL OBS	.0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	(KNDT) 2-33 34 .0 .0 .7 1.0 .1 .0	**************************************	7.0 7.8 22.2 16.5 1.9 1.9	.7 1.3 2.9 1.5 .6 .2 .1	N NF E SE S W NAM CALM TOT CBS
4.1 1.1 11.9 3.3 39.3 33.1 23.9 36.8 8.3 16.9 5.2 5.9 2.6 .4 1.1 .4	15 1: 5-3 4. 10-5 11: 42-1 39: 15-8 23: 26-3 8. -0 2: -0 1: -0 3:	9.1 28.3 39.3 15.9 .8 .0 1.7	7.5 20.5 42.5 13.5 2.0 2.0	.0 3.6 32.8 45.9 10.4 1.7 .3 .0	03 11-1 22-2 30-6 30-6 5-6	00 8y Spj 00 23-2 50-2 15-2 4-9 -0 -0 2-3 122 100-0	PCT MEAN FREQ SPI 11.0 7.1 11.0 7.9 34.8 9.1 32.4 10.1 9.9 8.3 3.2 7.6 1.2 6.0 3.3 8.8 8.8 8.8	OTAL OBS	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	**************************************	SPEED 1-21 2; .7 1.9 9.0 1.4 2.4 .8 .1 .0 .G	2.0 7.8 22.2 16.5 1.9 1.9	.7 1.3 2.9 1.5 .6 .2 .1	N NF E SF S W NAM CALM TOT CBS
4.1 1.1 1.9 3.3 19.3 33.1 13.9 36.8 8.3 16.9 5.2 5.9 1.1 .4 1.1 .4 1.4 .4 .4 1.4 .4 .4 1.4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .	15 1: 5-3 4 10-5 11: 42-1 39: 15-8 23: 26-3 8: -0 5: -0 1: -0 3: 19 11: 100-0 100-0	9.1 28.3 39.3 15.9 .8 .0 1.7 1.7 .0 3.3 121	7.5 20.5 42.5 13.5 2.0 2.0	06 30.8 45.9 10.4 1.3 1.7 .3 .0 4.0 151	03 11-1 22-6 30-6 5-6 -0 -0 -0 9	ON BY SPI 00 2.9 23.2 50.2 15.2 4.9 .0 .0 .0 2.3 122 100.0	PCT MEAN FREQ SPI 3.4 7.1 11.0 7.9 34.8 9.1 32.4 10.1 32.4 10.1 32.4 10.1 32.4 10.1 32.4 10.1 32.8 8.8 00.0	OTAL OBS	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	-47	18 NDT: 2-32 34	SPEED 1-21 2; .7 1.9 9.0 1.4 2.4 .8 .1 .0 .G	2-0 1: 2-0 7-8 22-2 22-2 18-5 1 6-9 -8 -0 483 10-9 2	.7 1.3 2.9 1.5 .6 .2 .1	N NF E SF S W NAM CALM TOT CBS
4.1 1.1 11.9 3.3 33.1 23.9 36.8 8.3 16.9 5.2 5.9 2.6 .4 .00 .0 3.7 2.2 133 126 100.0 100.0	15 1: 5-3 4 10-5 11: 4-2-1 39: 15-8 23: 26-3 8: -0 5: -0 1: -0 3: 19 1: 100-0 100: (GMT) 12 18: 8-6 2-6	12 9.1 28.3 39.3 15.9 .0 1.7 1.7 1.7 1.7 1.0 0.0 0.0 0.0 0.0	7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	06 30.8 45.9 10.4 1.3 1.7 .3 .0 4.0 151	03 11-12 300-6 300-6 -00 -00 -00 -00 -00 -00 -00 -00 -00	ON BY SPI 00 2.9 23.2 50.2 15.2 4.9 .0 .0 .0 2.5 122 100.0	PCT MEAN FREQ SPI 3.4 7.1 11.0 7.9 34.8 9.1 32.4 10.1 32.4 10.1 32.4 10.1 32.4 10.1 32.4 10.1 3.3 3.2 7.6 1.2 6.0 0.0 3.3 8.8 00.0	793 1: 1KNDTS: 28-40	48+ T	-47	(KNDT: 2=33 34 .0 .7 1.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	SPEED: -21 2: -7 1.9 9.0 -2.4 .8 .1 .0	6-10 1:  7.0 7.8 22.2 16.5 16.5 1.9 .8 .0 483 10.9 2	.7 1.3 2.9 1.5 .6 .2 .1	N NF E SE S W NAM CALM TOT CBS
4.1 1.1 11.9 3.3 33.1 13.9 36.8 8.3 16.9 5.2 5.9 2.6 .4 1.1 .4 .0 .0 3.7 2.2 133 136 10.0 100.0	15 1: 10-5 11: 14-2-1 39: 15-8 23: 15-8 23: 10-0 1: 10-0 1: 10-0 1: 100-0 1: 11-11: 11	9.1 28.3 39.3 15.9 0.7 1.7 1.7 0.9 3.3 120 0.9 3.0 10.4 7	HOUID 09 7	06 30.6 32.8 45.9 10.4 1.3 1.7 3.0 151 100.0	03 11-1 22-2 30-6 30-6 5-0 -0 -0 -0 100-0 HEAN 5PD 7-1 7-9-1	ON BY SPI 00 2.9 23.2 50.2 15.2 4.9 .0 .0 .0 2.5 122 100.0	PCT MEAN FREQ SPE 3.4 7.1 11.0 7.9 34.8 9.1 32.4 10.1 1.2 6.6	793 1:	\$PEED 0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	00 -07 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	1.8 1.8 1.8 1.8	SPEED 2: -7 1.9 9.0 1.4 2.4 .8 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	6-10 1: 7.8 7.8 22.2 16.5 1.9 .8 .0 483 .0.9 2	.7 1.3 2.9 1.5 .6 .2 .1	N NF E SE S W NAM CALM TOT CBS
4.1 1.1 11.9 3.3 10.3 33.1 13.9 36.8 8.3 16.9 5.2 5.9 2.6 .4 1.1 .4 .0 .0 .0 135 136 10.0 100.0	15 1: 10-5 1: 10-5 1: 14-2-1 39- 15-8 23- 26-3 80 50 10 3. 19-11- 100-0 100.  (GHT) 12 18 15 21 8-6 2-6 25-6 36-6 25-7 36-2 15-9 30-4 3 12-6	9.1 28.3 39.3 15.9 1.7 1.7 3.3 121 100.0	HOULD 99 7	06 3.6 32.8 45.9 10.4 1.3 1.7 3 0.0 151 100.0	03 11-1 22-2 30-6 30-6 5-6 -0 -0 9 100-0	ON BY SPI 00 2.9 23.2 50.2 13.2 1.0 0 2.5 100.0	PCT MEAN FREQ SPI 3.4 7.1 11.0 7.9 3.2 7.6 1.2 6.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	793 1: IKNDTS: 28-40	\$PEED 7	0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	1.6 1.8 1.2 10.4 1.8 1.3 1.3 1.3 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	SPEED: 2: 2: 1.9	7.0 7.8 27.2 27.2 27.2 27.2 27.2 27.2 27.2	.7 1.3 2.9 1.5 .6 .2 .1	N NF E SE S W NAM CALM TOT CBS
4.1 1.1 1.9 3.3 19.3 33.1 13.9 36.8 8.3 16.9 5.2 5.9 1.1 .4 0.3.7 2.2 133 136.0 0.0 100.0	15 1: 10-5 11: 10-5 12: 142-1 39: 15-8 23: 10-0 5: 10-0 10: 10-0 100: 10-0 1	9.1 28.3 39.3 15.9 .8 .0 1.7 1.7 3.3 121 100.0 HDUR 05 09 3.0 10.4 96.7 96.7 96.7	HQUID 09 70:100000000000000000000000000000000000	06 3.6 32.8 45.9 10.4 1.3 1.7 3 0.0 151 100.0	03 11.1 22.2 30.6 5.6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	ON BY SPI 00 2.9 23.2 50.2 15.2 10.0 0 2.3 122 100.0 3.4 11.0 3.4 11.0 3.4 11.0 3.4 11.0 3.4 11.0 3.4 1.0 3.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	PCT MEAN FREQ SPI 3.4 7.1 11.0 7.9 34.8 9.1 32.4 10.1 32	793 1 IKNDTS: 28-40	*** T  .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.6 1.8 1.3 1.3 1.3 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	SPEED 2: 1.97 1.90 1.46 1.46 1.46 1.46 1.46 1.46 1.46 1.46	-10 1: 2.0 7.8 22.2 22.2 24.5 1.9 .9 .9 .9 .9 .9 .9 .9 .9 .9	.7 1.3 2.9 1.5 .6 .2 .1	N NF E SE S W NAM CALM TOT CBS
4.1 1.1 11.9 3.3 33.1 13.9 36.8 8.3 16.9 5.2 5.9 2.6 .4 1.1 .4 .0 3.7 2.2 133 136 100.0 100.0	15 1: 10-5 1: 10-5 1: 142-1 39: 15-8 23: 26-3 8: -00 5: -00 1: -00 3: 19 1: 100-0 100:  (GMT) 12 18 15 21 8.6 2.6 25-9 7.6 30-2 15-9 30-4 4-3 12-6 6-0 5-5	12 28.3 39.3 19.9 1.7 1.7 1.7 3.3 1.21 100.0 HDUR 09 3.0 10.4 35.2 0.9	HQUID 09 7 20 42 1 2 2 2 2 3 00 00 00 00 00 00 00 00 00 00 00 00	06 3.6 32.8 45.9 10.4 1.3 1.7 3 0.0 151 100.0	03 11.1 22.2 30.6 5.6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	ON BY SPI 00 2-9 23-2 50-2 15-2 100-0 2-5 122 100-0 3-4 11-0 3-4 11-0 3-4 11-0 3-8 3-2 4-9 3-2 1-9 1-9 1-9 1-9 1-9 1-9 1-9 1-9	PCT MEAN FREQ SPI 3.4 7.1 11.0 7.9 34.8 9.1 32.4 10.1 1.0 6.1	793 1 1KNDTS228-40	48+ T .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	(KNDT: -33 34 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SPEED 2: 10-9 11-9 11-9 11-9 11-9 11-9 11-9 11-9		.7 1.3 2.9 1.5 .6 .2 .1	N NF E SE S W NAM CALM TOT CBS

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							AUGUST					
PERIOD: (PRIMARY) (OVER-ALL)	1911-197 1660-197						TARLE 4				AREA DU	10 SDUTHWEST JAVA SE 5.45 100.8E
			PER	CENTAGE	FREOU	NCY OF	F WIND SPI	ED 84	HOUR	(GMT)		
	HOUR	CALH	1-3	4-10			(KNOTS) 34-47	48+	HEAM	PCT FREQ	TOTAL OBS	
	00603 06609 12615 18621 TOT PCT	2.3 4.4 2.9 3.0 ?6 3.3	7.6 7.6 9.3 7.4 62 7.8	59.8 58.6 65.7 61.6 483 60.9	29.8 27.5 20.7 26.2 208 26.2	1.5 2.6 1.4 1.6	.0	•••••	9.0	100.0 100.0 100.0 100.0	131 251 140 271 793	

			T	ARLE 5								T	ABLE 6					
,	PCT FREG OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION MEAN NND DIR 0-2 3-4 3-7 8 6 7074 CLOUD								PERCEN	TAGE F	REQUEN	CY OF	CEILIN	S BY H	HTS (	T,NH :	)4/8) ON	
MAD DIS	0-2	3-4	5-7	8 £ nesco	TCTAL CBS	COVER	000 149	150 299	300 599	600 999	1000	2000 <b>3499</b>	3500 4999	5000 6499	6500 7999	8000+	H 45/R ANY HGT	TOTAL
N 46 6 56	2.3	.0 11.2	1.1 .0 5.7	1.1		2.3 4.3 3.0	•0	•0	.0	1.1 2.0	.0	.0 .0 1.1	•0	•0	•0	.0	3.4 6.0 25.0	
5	.0	14.7 2.6 1.1 1.1	14.4	2.6 .0 .0		3.4 4.5 3.0 6.0	•0 •0 •0	•0	.0	.0	1.1 .0 .0	2.3 .0 .0	.0	•0	•0	.0	44.0 4.3 1.1 2.3	
NH VAR CALM TOT UBS	.0 1.1 27	.0 .0	1.1 .0 2.3 23	•0	87	5.0 .0 4.3 3.5	•0	•0	0	•0	•0	•0	.0	•0	•0	.0	1.1 .0 3.4 79	<b>8</b> 7
TOT PCT	31.0	36.8	26.4	5.7	100.0	303	•0	•0	1.1	3.4	1.1	3,4	.ŏ	•0	•0	• ?	90.6	100.0

		CHE	ATTUE	PCT FREG		TANEBUC	necusa		
		0	F CEILIN	G HEIGHT	(NH 34/	B) AND V	SBY (NH	)	
					V587 [4H	11			
	FILING	• OR	• OR	• CR	• 7R	- DR	■ CR	= DR	- 01
(1	FEFT;	>10	>5	>2	>1	>1/2	>1/4	>5040	>
• CR	>6500	.0	•0	.0	.0	•0	•0	-0	•
• DR	>5000	.0	•0	.0	.ŏ	.0		.0	
e DR	>3500	.0	.0	.0	.0	.0	.0		
e CR	>2000	2.3	3.4	3.4	3.4	3.4	3.4	3.4	3.
e CR	>1000	2.3	4.6	4.6	4.6	4.6	4.6	4.6	4.
· DR	>600	3.4	6.9	8.0	8.0	8.0	8.0	8.0	8.
8G •	>300	4.6	8.0	9.2	9.2	9.2	9.2	9.2	9.
• 0x	>150	4.6	8.0	9.2	9.2	9.2	9.2	9.2	9.
• OR	> 0	4.6	8.0	9.2	9.2	9.2	9,2	9.2	9.
	TOTAL	4	7			Ī	- ' ' ' '		

TOTAL NUMBER OF OBS:	87	PCT FREQ NH <5/81	90.8

				TABLE	74				
	,	ERCENT	AGE FR	EQ 0#	LOW CL	0UDS (1	EIGHTH	5)	
1	2	3	•	•	6	7		DBSCD	TOTAL
16.1	24.7	18.3	15.1	3.2	2.2	3.2	1.1	•0	93

AUGUST

AREA 0010 SOUTHWEST JAVA SEA 5.45 108.8E PERIUD: (PRIMARY) 1911-1972 (OVER-ALL) 1860-1972 TABLE 6 .0 .0 PCP <1/2 NO PCP TOT 3 .000 0000 000 077 000 .0.0 .0 PCP 1/2<1 ND PCP TOT % .0 .0 .0 .0 .4 .4 .4 .0 .0 .7 .7 .0 .0 .0 .0.0.0 ... ... ... ... .00.00 1<2

S<10 NC PCP TOT %

PCP ND PCP TOT %

2.0 2.5 3.7 3.7 7.8 13.7 8.2 14.1

.C .4 .0 .4 2.8 7.3 21.3 20.2 2.8 7.7 21.3 20.6

TOT OBS TOT PCT 5.2 12.1 30.4 35.4

.0 3.5 3.5

9.2 4.8

TABLE 9

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1.1 100.0

PERCENT FREQ OF WIND DIRECTION VS MIND SPEED WITH VARYING VALUES OF VISIBILITY													
VSBY (NH)	SPD KTS	N	NE	E	SE	\$	SW	*	NW	YAR	CALM	PCT	TOTAL OBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0		ō	.5	.0	.0	ŏ	• • •	ō	
	11-21	.0	.0	.0	.0	ō	.o	.0	.0	ŏ		Ö	
	2.4	.0	.0	.0	.0	ō	.o	.0	.0	.0		Ö	
	* 07 %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	ō	
	0-3	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	.0	.0	.0	.0	.0	٠.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	0-3	.0	.0	.0	.0	.0	. 3	.0	.0	.0	.0	.3	
1<2	4-10	.3	.5	.4	. 4	. 3	.3	.0	.0	.0		2.1	
	11-21	.0	.0	•0	.0	•0	•0	.0	.0	.0		۰,0	
	22+	.0	.0	.0	.0	•0	.0	.0	.0	.0		.0	
	TOT \$	.3	.5	• 4	.4	.3	.5	.0	.0	.0	.0	2.3	
	0-3	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	•0	.0	•2	•1	. 2	•0	.0	.0	.0		,5	
	11-21	•0	.0	•0	•0	•0	.0	.0	•0	.0		.0	
	22+	٠.	.0	•0	.0	•0	.0	.0	.0	•0		۰,0	
	TOT \$	.0	•0	.2	•1	.2	.0	.0	•0	.0	•0	.5	
	0-3	.3	.4	.6	•1	.4	. 8	.0	.0	.0	.3	2.9	
5<10	4-10	1.2	1.6	4.0	7.6	2.6	1.3	.1	.4	.0		18,7	
	11-21	.1	. 9	1.4	3.5	.0	.3	.0	.0	٠.		6,2	
	22+	.0	.0	.0	•0	•0	.0	.0	.0	.0		.0	
	TOT %	1.6	2.9	6.0	11.2	3.0	2.3	.1	.4	•0	.3	27.8	
	0-3	.5	1.4	1.1	.3	.4	-1	.3	.0	.0	2.3	6.5	
10+	4-10	1.0	6.6	19.5	13.6	2.4	. •	. 3	.5	.0		44.9	
	11-21	.6	1.7	6.5	6.7	1.4	. 4	.0	.0	.0		17.7	
	22+	٠.	.0	.0	. 3	•0	.0	٠.٥	.0	٠٥.		,3	
	TOT %	2.2	9.7	27.4	20.9	4.6	1.5	.5	.5	.0	2.3	69,4	
	TOT DES	4.0	13.1	34.0	32.7	8.1	4.0	.6	.,	.0		100.0	385
	101 PC1	7.0	13.1	74.0	36.1		4.0		. 7	.0	2.0	100.0	

AUGUST

PERIOD: (PRIMARY) 1911-1972 (DVER-4LL) 1860-1972

TABLE 10

AREA 0010 SUUTHHEST JAVA SEA 5,45 108.8É

## PERCENT FREQUENCY OF CFICING HEIGHTS (FEET, NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (TMD)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	9500 4999	9000 6499	6500 7999	8000+	TOTAL	NH <5/8 Any hgt	TOTAL DBS
00603	.0	.0	.0	4.0	.0	8.0	.0	.0	.0	•0	12.0	88.0	25
90360	.0	.0	4.2	4.2	.0	.0	.0	.0	.0	•0	8.3	91.7	24
12615	.0	.0	.0	•0	.0	.0	.0	.0	•0	•0	.0	100.0	26
18621	.0	.0	.0	5.9	5.9	5.9	.0	.0	.0	•0	17.6	82.4	17
TOT	0	0	1.1	3.3	1.1	3.3	0	0	2	0	. •	84	92

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY V58Y	(NH)	BY HOUR		CUMULAT					VSBY (NM)	
HOUR (GMT)	<1/2	1/2<1	167	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ 4ND5+	NH <5/8 AND 5+	TOTAL DBS
00603	•0	.0	1.4	1.4	37.0	60.3	73	20203	•0	•0	4.2	8.3	67.5	24
90360	.0	.6	3.6	.9	22.5	73.0	111	90360	•0	4.8	14,3	•0	85.7	21
12615	.0	.0	3.6	.0	15.5	<b>01.0</b>	84	12615	.0	.0	.0	•0	100.0	26
18621	.0	.0	3.1	.0	36.7	60.2	128	18621	•0	.0	6.3	12.5	8: ,3	16
TOT PCT	.0	.0	12 3.0	.5	112 28.3	270 68.2	396 100.0	TOT PCT	•0	1.1	5.7	4.6	78 89.7	87 190.0

TARLE 13

TABLE 14

						-										- •				
	PERC	ENT FR	EOUENC	Y OF R	ELATIV	E HUMI	DITY B	Y TEMP	TOTAL	PCT		PERC	ENT FR	EQUENC	Y 05 W	IND DI	RECTIO	N BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		7250	N	NE	E	SE	S	SW	W	NW	VAR	CAUM
85/89	,0	.0	0	• •0	1.5	4.6	.5	•0	13		.5	1.3	2.3	1.4	.6	.0	.0	.0	.0	.5
80/84	.0	.0		5	6.6	36.7	38.3	2.0	165	84.2	4.1	9.8	25.	32.3	6.0	2.6	1.3	1.3	:0	.5
75/79	.0		.0	.0				1.0	18	9.2	. 5		1.7	4.0	1.0	1.3	.0	.0	.0	.5
TOTAL	Č	0			16	87	86	6		100.0		• • •			- •	• • •	• • •			
PCT	.0	.0		5	0.3	44,4	43.9	3.1	•		5.1	11.4	29.3	37.6	7.7	4.8	1.3	1.3	.0	1.5

TABLE 15

	MEANS,	EXTREM	ES AND	PERCEN	11162	OF TE	MP (DE	G F) I	IY HUUR		PERC	ENT FRE	ONENCA	OF RELA	TIVE H	MIDITY	BY 400	K
HOUR (GHT)	MAX	992	95%	50%	51	1%	MIN	MEAN	TOTAL	HOUR (GHT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
\$0300 \$0360	89 92	**	83 87	81 82	78 80	77 78	76 76	80.6	128 242	60300 90360	٥.	.0	5.0 19.3	42.5	45.0 28.1	7.5 3.5	81 75	40 57
12615 18621 TOT	85 86 92	84 85 88	84 83 85	82 81 81	79 77 78	78 75 76	75 74 74	81.6 80.5 81.4	135 273 778	12615 18621 Tot	.0	1.5 1	1.5	93.7 45.6 91	47.6 50.0	1.5	78 80 78	42 68 207

AUGUST

PERIOD: (PRIMARY) 1911-1972 (OVER-ALL) 1860-1972

TABLE 17

AREA 0010 SQUTHWEST JAVA SEA 5.45 108.8E

PCT FRFO OP AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	77	<b>0</b> 1	85	89	TOT	W	¥0
THP DIF	80	84	8	97		FOG	₽QG
7/8	.0	•0	.0	.4	1 7	.0	.4
4	.4	1.3	. 9	.4		.0	3,1
3	.4	1.3	.4	.0	5	.0	2.2
3		8.4	1.8	.0	24	.0	10.7
1	1.3	12.0	.9	.0	32	.0	14.2
0	4.9	21.8	1.3	.0	63	.0	28,0
-1	6.2	8.4	.0	.0	33	.0	14.7
-2	8.0	9.3	.0	.0	39	.0	17.3
-2 -3	2.7	• 0	.0	.0	6	.0	2.7
-4	3.6	1.3	.0	.0	11	.0	4,9
-5	. 9	.0	.0	.0	2	.0	. 9
-6	.9	•0	.0	.0	2	.0	. 9
TOTAL	67		12	• -	_	Ŏ	225
	-	144		2	225	_	
469	40 8	44.0			100 0		100 0

PERIOD: (OVER-ALL) 1963-1972

				PC	T FREG U	F WIND	SPEED	(KTS) AND DIREC	TION	VERSUS 3	EA MEIG	HTS (FT)		
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT	1-3	4-10	11-21	NE 22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.0	-0	.0	•0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	•0	.0	.0	.0	2.6	.0	.0	.0	2.6
3-4	.0	.0	.0	.0	.0	-0	.0	.0	2.6	.0	•0	•0	.0	2.6
5-0	.0	.0	•0	.0	, n	.0	.0	•0	.0	.0	•0	•0	.0	.0
7	.0	.0	2.4	.0	.0	٠٥.	2.6	•0	.0	.0	•0	•0	.0	.0
8-9	.0	.0	•0	.0	.0	•0	•0	•0	.0	.0	•0	•0	.0	.0
10-11	.0	.0	• ?	.0	.0	.0	.0	•0	.0	.0	-0	•0	.0	•0
12	.0	.0	•0	.0	.0	•0	.0	•0	.0	•0	•0	•0	.0	•0
13-16	.0	.0	۰,	.0	.0	.0	.0	•0	.0	•0	•0	•0	•0	•0
17-19	. 0	.0	*0	•0	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0
20-22	.0	.0	•0	.0	.0	•0	.0	•0	•0	.0	•0	•0	.0	.0
23-25	•0	.0	•0	.0	.0	.0	.0	•0	.0	•0	•0	•0	•0	.0
26-32	•0	.0	•0	.0	•0	٠.	.0	•0	.0	.0	.0	•0	.0	.0
33-40	•0	•0	•0	•0	.0	•0	.0	•0	.0	•0	•0	•0	.0	•0
41-48	.0	.0	•0	.0	.0	.0	•0	•0	•0	•0	•0	•0	.0	•0
49-60	•0	.0	• 2	.0	.0	•0	•0	•0	•0	•0	•0	•0	.0	•0
61-70 71-86	•č	.0	•0	.0	•0	•0	.0	•0	.0	•0	•0	•0	٠.٥	.0
874	.0	.5	.0	.0	.0	.0	.0	•0	.0	•0	•0	•0	.0	.0
TOT PCT	.5	.0	2.6	.0	.0	:0	2.6	•0	2.6	2.6	•0	•0	•0	5.1
	•••	•	•		••		•••	••	•••	•••		••	••	···
HGT	1-3	4-10	11-21	£ 2?-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	٠.	•0	.0	.0	.0	.0	•0	3,2	.0	.0	+0	.0	3.2
1-2	.0	14.1	1.9	.0	.0	.0	16.0	.0	19.2	.6	.0	.0	.0	19.9
3-4	.0	5.1	5.1	.0	.0	.0	10.3	•0	2,6	15.4	• 0	.0	.0	17.0
5-6	.0	.0	•0	.0	.0	.0	.0	•0	`••	10.3	.0	•0	.0	12.5
7_	•0	.0	2.6	٠٥.	•0	•0	2.6	•0	.0	.0	2.6	•0	.0	2.6
8-9	.0	.0	•0	.0	.0	.0	.0	ه.ه	•0	•0	•0	•0	.0	.0
10-11	•0	.0	•0	•0	.0	•0	.0	•0	•0	•0	•0	•0	•0	.0
12	٠.	.0	.0	•0	.0	.0	• • •	•0	•0		•0	•0	•0	.0
13-16	٠.	.0	•0	•0	•0	.0	•0	•0	•0	•0	.0	•0	.0	.0
17-19	• 0	.0	.0	•0	•0	.0	•0	•0	.0		•0	•0	•0	•0
23-25	•0	.0	•0	.0	•0	.0	•0	•0	.0		.0	•0	.0	.0
26-32	.0	.0	•0	.0	.0	:0	.0	•0	.0	•0	••	•0	•0	•0
33-40			.0	.0	.0	:0	:0	•0	٥	:0	:0	٠٥	.0	.0
41-48	.0	.0	•0	.0	.0	:0	.0	•0	.0	:0	.0	.0	:0	.0
49-40	.0	.0	•0	.0	.0	:0	•0	•0	.0		.0	:0	:0	•0
61-70	.3	:0	.0	•0	.0	:0	•0	•0	:0	.0	:0	:0	:0	:0
71-04	.0	.0	•0	.0	.0		.0	•0	٥			:0	:0	:0
87.	.0		.0	.0	.0	.0	.0	•0			.0		.0	:0
TOT PET		19.2	9.6	:0	:6	.0	28.8	:0	27.0	26.3	2.6	.0	.0	54.4

PER100:	(OVE	1-4LL)	1963-1	972				TABLE	AUGUST				AREA		SOUTHWE:	ST JAVA SEA
				₽¢	T FREQ	OF WIND	SPEED	(KTS)	AND DIREC	TION	VERSUS S	EA HEIG	HTS (FT)	)		
HGT	1-3	4-10	11-21	5 27-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.0	1.9	.0	•0	. • •	.0	1.5		.0	•0	.0	•0	•0	.0	.0	
1-2	.0	.0	.0	•0	.0	.0	.0		•0	•0		•0	•0	.0	2.6	
3-4	.0	2.6	•0	•0	.0	•0	2.6		•0	.0		•0	•0	.0	.0	
5-6	.0	.0	•0	.0	.0	•0	•0		•0	•0		•0	•0	.0	•0	
.7_	٠٥.	.0	• 0	.0	.0	•0	•0		•0	•0		•0	•0	٠.	•0	
4-9	٠.٥	.0	•0	.0	.0	•0	•0		•0	•0		•0	•0	.0	.0	
10-11	٠٥.	.0	9.0	.0	.0	•0	•0		•0	.0		•0	•0	.0	.0	
12 13-16	.0	.c	.0	.0	•0	.0	•0		•0	.0		•0	.0	:0	.0	
17-19	.ŏ	.0	.0	•0	.0	:0	.0		ě			:0	٠٥	. 0	.0	
20-22	.0	.0	•0	.0	.0	.0	.0		ŏ	.0		.0	.0	.0		
23-25	.5	.ŏ	.0	.0	.0		ŏ		.0	.0			•0	.0	.0	
26-32		.0	. 0		.0	.0			.0	.0		•0	.5	.0	.0	
33-40	.0	.0	.0		.0		.0		.0	.0		.0	•0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	• 0	•0	.0	.0	
49-00	.0	.0	٠.	.0	.0	.0	•0		.0	.0		•0	•0	٠.	,0	
61-70	.0	.0	•0	.0	.0	•0	.0		•0	.0		•0	•0	.0	.0	
71-86	.c	.0	•0	•0	.0	•0	.0		٥٠	.0		•0	•0	٠.	•0	
87+	٠.٥	.0	•0	.0	.0	•0	•0		•0	.0		•0	•0	٥.	•0	
TOT PCT	•0	4.5	•0	•0	.0	•0	4.5		•0	•0	2.6	•0	•0	.0	2,6	
				¥								NH				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
ζ1			.0		.0	•0			.0	.0		•0	•0	.0		. •
1-2	.0	.0	•0	.0	.0	.0	.0		.0	.0		•0	.0	.0	.0	
3-4	.ŏ	ò	.0	.ŏ	.0	.0	.0		.0	.0		•0	.0	.0	.0	
5-6	.0	.0	•0	•0	.0	•0	•0		•0	•0		•0	•0	.0	.0	
7	.0	.0	+0	•0	•0	•0	•0		• 0	.0		•0	•0	.0	.0	
1-9	.0	• ?	•0	•0	.0	•0	•0		• 11	•0		•0	•0	.0	.0	
10-11	.0	.0	•0	•0	•0	•0	•0		•0	•0		•0	•0	.0	.0	
12	.0	•0	•0	•0	•0	•0	•0		•0	٥٠		•0	•0	.0	•0	
13-16	•0	.0	•0	•0	•0	•0	•0		.0	•0		•0	•0	.0	.0	
17-19	.0	.0	•0	•0	•0	•0	•0		.0	.0		•0	•0	.0	.0	
20-22 23-25	.0	.0	•0	•0	.0	.0	• • • • • • • • • • • • • • • • • • • •		.0			.0	•0	:5	.0	
26-32	.0	.0	•0	.0	.0	.0	:0		ň			.0	ŏ	ŏ	.0	
33-40	.0	.0	.0	.0	.0	.0	.0		.0	.0		.0	•0	ö	.0	
41-48	.0	.5	•0		.0	.0	.0		.0			.0	.0	.0		
49-60	ě	.ŏ	.0	.5	.0	٥.			ěŏ				.0			
61-70	·ŏ	.ŏ	.0		.0	.0	.0		ŏ	. 0		•0		.0		
71-86	.0			•0	.0	•0			.0	.0		.0	.0	.0		
87+	.5	.0	•0	.0	.0	.0	.0		.0	.0		.0	.0	.0		
TOT PCT	.0	.0	•0	.0	.0	•0	•0	)	.0	•0	••	•0	•C	.0	•0	100.0

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HET	0-3	4-10	11-21	22-39	34-47	48+	PCT	TOT
<1	.0	5.1	.0	.0	.0	.0	5.1	280
1-2	.0	33.3	7.7	.0	.0	.0	41.0	
3-4	.0	12.8	20.5	.0	.0	.0	33.3	
5-6	. C	2.6	10.3			.0	12.5	
7	.0	.0	5.1			.0	7.7	
8-9	.0	.0	.c	.0		.0	.0	
10-11	.0	.0	.c	.0		.0	.0	
12	.0	.0	.c	.0		.0	.0	
13-16	.0	.0	.0			.0	.0	
17-19	.0	.0	.0			.0	.0	
20-22	.0	.0	.0	.0		.0	.0	
23-25		.0	.0			.0	.0	
26-32	.0	.0	.c			.0	iŏ	
33-40	.0	.0				.0	.0	
41-48	.0	.0	.č			.0	, o	
49-60	.0	.0	.c			.0	.0	
61-70	.0	.0	.c			.0	.0	
71-86	.0	.0	.0			.0	.0	
87+	.0	.0	.0			.0	.0	
		• • •	•••	•••		• •	•••	39
TOT PCT	.0	53.8	43.6	2,6	.0	.0	100.0	•

									SEPTER	BER						
PERIODI	(>RIMARY) (OVER-ALL)		-1971 -1971						TABLE	1			AREA 0010	5.45	THWEST JAVA 108.6E	1 SE
					•	ERCENT	FREQU	ENCY D	F WEATHER	OCCURRENCE	84 MI	ND DIR	CTION			
					RECIPI	TATION	TYPE					OTHER	WEATHER	PHEND	MENA	
	HND CIR	RAIN	PAIN SHUR	DR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNUH	SIC WE
	N N E E S S W W N A R C A L P	.0 1.2 2.4 2.2 9.3 24.2	14.0	108 100 100 12.1 100 16.7			.0		.0 2.7 2.0 4.0 8.7 23.3 36.4 .0	.0 1.6 .0 .0 .0	3.5 1.6 4.8 .0 11.6 45.5 16.7	8.0 3.5 .0 1.6 4.3 18.6 6.1 8.3	.00	4.0 7.1 12.1 2.4 6.5 9.3 .0	•0	88. 83. 82. 88. 80. 46. 75.
	TOT PCT TOT CBS:	2.7 219	1.4	1.4	•0	•0	.0	•0	5.9	.5	5.5	3.2	•0	6.4	•0	ac.

TABLE 2
PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

 $\sqrt{J}$ 

			,	RECIPI	TATIO	TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN SHWR	rr7L	FRZG PCPN	SNON	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
00603 06609 12615 18621	.0 1.8 .0 6.3	2.4 1.8 .0 2.5	2.4 .0 .0 2.5	.0	.0	.0	.0 .0 .0	4.9 3.6 .0 11.3	.0 .0 .0 1.3	.0 6.4 11.3	.0 1.8 4.3 5.0	.0 .0	4.9 9.1 4.3 6.3	.0 .0 .0	90.2 85.5 85.1 70.0
TOT PCT TOT CBS:	2.7 223	1.8	1.3	.0	•0	•0	•0	5.0	.4	5.4	3.1	•0	6.3	•0	80.7

TABLE 3
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

				ED (KN)		41+	TOTAL	PCT	MEAN	00	03	06	HOUR 09	(GMT)	15	18	21
WND DIR	0-3	4-10	11-21	~~ <b>~</b> 33	34-47	•••	OBS	FREQ	SPD	•	••	•••	••	•	•••	••	
NE E SE S w Nh Var	.8 1.1 2.0 2.4 1.0 .3	2.8 8.9 18.8 21.2 7.2 2.8 1.6	.7	.2	0000000	0000000000		4.0 12.7 27.9 32.3 10.3 3.9 2.3 2.0	6.3 7.9 8.6 8.7 7.8 8.1 7.3 5.0	1.9 5.6 22.5 44.7 19.0 1.9	14.3 28.6 42.9 14.3 .0	30.2 49.1 7.3 4.7	10.8 27.8 34.9 14.6 1.4 .9 1.9	9.4 26.7 32.3 15.8 4.3 1.7 1.3 4.3	7.1 17.9 35.7 10.7 14.3 .0 7.1	2.1 13.6 25.5 28.2 10.6 5.1 4.8 1.1	1.1 4.2 21.6 37.1 18.6 8.0 3.4 2.3
CALM TOT CBS TOT PCT	104 13.3	507	-		. 0	0	784	100.0	7:9	3.7 108 100.0	•0 7 100•0	3.2 150 100.0	2.8 106 100.0	117 100.0	7.1 14 100.0	9.2 142 100.0	132 100.0

					TAB	LE 3A						
MND DIR	0-6	WIND 7-16	SPEED 17-27	(KNDTS) 28-40	41+	TOTAL DBS	PCT FREQ	HEAN SPD	00 03	HDU1 06 09	12 12 15	18 21
NE E SE S N N N N N N N N N N N N N N N	2.4 5.7 9.2 10.8 5.1 1.7 1.4	1.6 6.7 17.8 20.2 4.7 2.0 .8	.0 .3 .9 1.3 .5 .1				4.0 12.7 27.9 32.3 10.3 3.9 2.3 2.0	8.3 7.9 8.6 8.7 7.8 8.1 7.3	1.7 6.1 22.8 44.6 18.7 1.7	4.9 13.0 32.1 35.2 4.9 3.2 1.3 2.3	9.2 25.8 32.6 15.3 3.3 1.5 1.9	1.6 9.0 23.6 32.5 14.4 6.5 4.1 1.6
CALM TOT DAS	333 42.5	425	26 3.3	.0	.0	784	100.0	7:0	3.5 115	3.0 264 100.0	131	6.6 274

## SEPTEMBER

PERIODS	(PRIMARY) (OVER-ALL)	1905-197 1857-197						TAPLE	4			AREA	0010	WEST JAV 108.6E	A SEA
				PER	CENTAGE	FREQU	ENCY OF	WIND :	SPEED BY	HOUR	(GHT)				
		HQUR	CALM	1-3	4-10		SPEED 22-31			MEAN	PCT FREQ	TOTAL OBS			
		00603 0609 12615 18621 TOT	3.5 3.0 4.6 6.6	5.2 10.2 8.4 8.8	59.1 65.5 63.4 66.8 507	32.2 20.5 23.7 17.2 169	.0		.0	8.0 7.8		115 264 131 274 784			
		PCT	4.6	8.7	64.7	21.6		•	0.0		100.0				

			Ť	APLF 5								TA	ABLE &					
	PCT FRED OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION MEAN												CEILIN NH <5/					
MND DI	R 0-2	3-4	5-7	8 & nasco	TETAL		000 149	150 299	300 599	600 999	1000 1999	2000 3490	3500 4999	50(0 6419	6500 7990	8000+	NH <5/8 ANY HGT	TOTAL OBS
N NE	.0 3.4 5.9	1.7 .0	.0 3.4 9.7	.0 .4 3.0		4.0 3.7 4.1	•0	•0	.0	•0	.0 5.5	•0	1.3	• • • • • • • • • • • • • • • • • • • •	•0	.0	1.7	
E SE SH	11.4 4.7 3.4	1.7	16.1	3.4		4.2 2.4	•0	•0	.0	1.7	2.5	•0	.0	.0	••	1.7	23.3 33.5 7.6	
NW W	1.7	•0	1.3	•0		1.2 7.0 1.3	•0	•0	.0	••	1.3	•0	.0	•0	•0	•0	3.4 •0 1.7	
VAR CALM TOT DES		.0 .0 14	3.4 21	•0	59		•0	•0	•0	1.7	.0	•0	.0	•0	•0	•0	5.1 49	59
TOT PC	7 33.9	23.7	35.6	6.5	100.0	1	•0	•0	•0	5.4	10.2	•0	1.7	•0	•0	1.7	83.1	100.0

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH )4/8) AND VSEV (NH)

	U	- CETETU	O METAUL	(NN )4/	D) MAD A	SBY (NH)		
				VSBY (NH	,			
CEILING	= UR	- DR	= OR	# TR	• OR	• OR	# DR	- DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
■ DR >5000	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3,3
■ DR >3500	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
■ DR >2000	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
■ DR >1000	13.1	13.1	14.8	14.8	14.0	14.8	14.6	14.8
■ DR >600	16.4	10.4	18.0	18.0	18.0	18.0	15.0	18.0
■ OR >300	16.4	16.4	18.0	18.0	18.0	18.0	10.0	18.0
* OR >150	16.4	10.4	18.0	18.0	18.0	18.0	18.0	18.0
• 03 > 0	16.4	16.4	18.0	18.0	18.0	16.0	18.0	18.0
TOTAL	10	10	ii	ii	11	ii	ii	ii
				_				
TUTAL NUMB	ER OF US	>: 0	1		CT PREG	NH <5/81	82.0	

TABLE 74

PERCENTAGE FREQ C. LOW CLOUDS (EIGHTHS)

	ľ		

							SEPT	PEMBER						
PERIOD: (PRIMARY) (OVER-ALL)							TAE	SLE 8				ARE	A 0010	SOUTHWEST JAVA SEA 5.45 108.6E
		P	FRCENT	FREQ PREC	OF WIN	D DIRECTION WIT	TION Y	VS DCCL	IRRENÇI	F OR N	181611 181611	URRENÇ Y	E OF	
VSBY (NM)		N	NE	E	SE	s	Sw	¥	NW	VAR	CALM	PCT	TOTAL	
<1/2	PCP ND PCP TOT #	.0	.0	.0	•0	•0	•0	.0	.0	.0	•0	•0		
1/2<	PCP 1 NO PCP TOT %	.0	.0	.0	.0 .5	•0	•0 •0	.0 .2 .2	.0	.0	•0	.0 1.4 1.4		
1<2	PCF ND PCP TOT %	.0	.0	.0 1.6 1.6	.0	.0 .7 .7	•0	•0	•0	•0	•0	3.7 3.7		
2<5	PCP NO PCP TOT %	.0	.1 .0 .1	.0	•0	,0 .9	•0	.0	.0 .5	.0	•0	.9 1.4 2.3		
5<10	PCP NO PCP TOT %	.0 2.5 2.5	.2 4.1 4.3	6.6 6.8	1.1 7.4 6.6	.9 2.9 3.8	1.1 2.7 3.9	.9 .9 1.8	1.6 1.6	.0	.5 .9 1.4	5.0 29.7 34.7		
10+	FCP ND PCP TOT %	3.0 3.0	7.4 7.4	19.2 19.2	19.2 19.2	5.1 5.1	1.0 1.0	.0 1.3 1.3	.0 .5	.0	.0 1.4 1.4	.0 58.0 58.0		
	TOT DBS	5.7	12.9	28.3	24.4	10.5	4.0	3.6	2.7	-0	2.7	100-0	219	

TABLE 9

VSBY SPD N NE E SE S SM M NM VAR CALM PCT TOTAL UBS  (1MM) KTS 0-3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0													
		N	NE	ε	SE	S	SH	*	NW	VAR	CALH	PCT	
	0-3	-0	.0	.0	.0	.0	.0	.0	.0	.0	-0	.0	
<1/2	4-10										••		
	11-21							.0				.0	
	22+	.0				.0	.0	.0	.0			.0	
	TOT %	.0	•0	•0	.0	.0	•0	.0	.0	.0	•0	.0	
											.0		
1/2<1			. 1									.6	
			.0	•0	.3							.3	
												•0	
	TOT \$	.0	.1	. 2	. 3	.0	.0	.2	.2	.0	•0	.9	
											.0		
1<2	4-10	. 2	.6	• 5	. 2	.5	٠.	٠.٥	.0	.0		1.8	
	11-21	• 0	•0	. 6	•0	.0	.0	.0	.0	.0		.6	
	22+	.0	.0	•0	•0	.0	.0	.0	.0	•0		.0	
	TOT %	.2	.6	1.1	.2	.5	.0	•0	•0	•0	•0	2.4	
	0-3	.0	.0	.0	.0	.3	.0	•0	.0	.0	.0	.3	
2<5	4-10	•0	•0	.0	.0	.0	.0	.3	. 3	.0		,6	
	11-71	.0	• 1	• 2	•0	.3	.0	.0	.0	.0		.6	
	22+	•0	•0	•0	.0	•0	.0	.0	.0	•0	_	.0	
	TOT %	.0	•1	•2	.0	.6	.0	.3	. 3	•0	.0	1,5	
	0-3	.0	0	. 2	.2	.2	2	. 3	.6	.0	.9	2.4	
5<10		1.8	2.7	Z.6	3.1	1.4	1.7	• • •	.5	.0		15.4	
	11-21	.2	.2	2.1	2.1	1.1		•0	.0	.0		6,3	
	22+	.0	0	.0	.0	.0	0	0	0	.0			
	TOT \$	2.0	2.9	4.8	6.1	2.6	2.6	1.2	1.1	٠.	.,	24.1	
	0-3	1.4	1.1	1-8	1.2	. 9	.3	.0	.6	.0	3.6	10.8	
10+	4-10	1.1	4.9	15.4	15.8	6.0	1.0	•7	.6	.0		45.5	
	11-21	. 3	2.9	3.7	4.6	.7	.3	.0	.0	.0		14.5	
	22+	.0	.0	.0	.0	.0	.0	.3	.0	.0		.3	
	TOT \$	2.7		20.9	23.6	7.6	1.6	1.0	1.2	.0	3.6	71.1	
	INT DAS								_				332
	TOT PCT	4.8	12.4	27.3	30.2	11.3	4.1	2.4	2.7	•0	4.5	100.0	

#### SEPTEMBER

PERIOD:	(PRIHARY)	1905-1971
	/OVED-ALL S	1867-1071

TABLE 10

AREA 0010 SDUTHWEST JAVA SEA 5.45 108.66

PERCENT	FREQUENCY	OF	CFILING	HEIGHTS	(FEET,NH	>4/81	AND
	OCC HE	BEL	ICE OF ME	1 /5/A AL	/ HOUR		

HOUR (GHT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	******	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
60300	٠.	.0	.0	4.8	14.3	.0	.0	.0	.0	•0	19.0	81.0	21
90360	.0	.0	.0	.0	5.9	.0	5.9	.0	.0	•0	11.8	88.2	17
12615	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	•0	100.0	15
18621	.0	.0	.0	5.6	11.1	.0	.0	.0	.0	11.1	27.8	72.2	16
TOT PCT	.0	.0	.0	2.8	8.5	.0	1.4	.0	.0	2.8	11	60 84.5	71 100.0

TABLE 11

TABLE 12

		PERCHYT	FREQUEN	CY VSBY	(NM)	BY HOUR		CUMULAT					VSBY (NM) 1,8Y HOUR	
HOUR (GMT)	<1/2	1/2<1	1<5	2<5	5<10	10+	TOTAL OBS	HDUR (GMT)	<150 <50YD	<600 <b>&lt;</b> 1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00603	.0	.0	3,7	•0	20.4	75.9	54	60300	•0	.0	5,6	16.7	77.8	18
90360	.0	.0	7.2	2.2	18.9	76.7	90	90360	•0	•0	6.7	6.7	86.7	15
12615	•0	3.0	3.0	•0	14.9	79.1	67	12615	.0	.0	.0	•0	100.0	13
18621	.0	.8	1.6	2.4	34.4	60.8	125	18621	•0	•0	6.7	26.7	66.7	15
TOT PCT	.0	.9	2,4	1.5	81 24.1	239 71.1	336 100.0	TOT PCT	.0	•0	4.9	13.1	50 82.0	61 100.0

TAPLE 13 PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP
0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 DBS PREQ TEMP F .7 .7 .0 .0 .0 .0 .7 31.3 6.8 .0 57 .0000000 .00000 00000

TABLE 14

PERCENT PREQUENCY OF WIND DIRECTION BY TEMP VAR CALM 5.1 13.1 24.5 29.6 10.7 6.0

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR TOTAL OBS 111 247 128 270 73 81.2 77 83.5 79 81.9 74 80.6 73 81.9 78 80 80 77 73 78 79 76 90 90 86 85 84 87 84 83 81 83 82 81

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR TOTAL D#S 28 35 30 58 151 79 74 79 83 79 .0000 3.6 .0 .0 1.7 2

SFPTEMBER

PERIOD: (PRIMARY) 1905-1971 (OVER-ALL) 1857-1971

TABLE 17

AREA 0010 SOUTHWEST JAVA SEA 5.45 108.6E

PCT FRPO OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	73 76	77 80	81 84	85 86	69 92	TOT	# #86	WU FOG
7/8	.0	.0	.0	.6	1.1	3	•0	1.7
6	•0	.0	.0	.0	. 6	ī	.0	.6
5	.0	.0	.6	2.3	.0	š	.0	2.9
4	.0	.0	1.1	. 6	.6	5	.0	2.3
4 3 2	.0	ě		.0	.0	ĩ	.0	6
3		.0	9.7	1.7	.0	20	·ő	11.4
•			3.4					
1	.0	•0	7.4	1.1	.0	15	.6	
0	.0	2.3		•0	.0	50	.0	28.6
-1	.0	3.4	10.3	.0	.0	24	.0	13.7
-2	.0	5.1	10.3	.0	.0	27	.0	15.4
-3	.0	4.6	2.9	.0	.0	13	. 6	6.9
-4	.0	2.9		.0	. 0	• 7	.6	3.4
-5		1.1		ŏ	.0	á	•0	1.7
						•		
-6	.0	•0		•0	.0	1	.0	.6
-9/-10	.6	•0		.0	.0	i	•0	.6
TOTAL	2		124		4		3	172
	_	34		11		175		<b>J</b>
act.	1.1	19.4		4.3	2.3	100.0	1.7	98.3

PERIOD: (DVER-ALL) 1963-1971

								INDR4 TA						
				PC	T FRED D	F WIND	SPEED	(KTS) AND DIR	ECTION V	ERSUS S	EA HEIG	HTS (FT)		
_				N_		_					NE			
HĢT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1=3		11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	•0	•0	•0	•0	•0		•0	•0	• 0	•0	3.0
1-2	.0	,0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0
3-4	.0	.0	•0	.0	•0	•0	•0	•0			•0	•0	.0	.8
5-6	•0	.0	•0	•0	.0	•0	•0	•0		3.0	.0	•0	•0	3.0
7	.0	•0	•0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0
8-9	.0	.0	•0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0
10-11	.0	.0	•0	•0	٠٥	•0	•0	•0		•0	.0	•0	•0	••
12	•0	٠٥.	•0	•0	•6	•0	•0	•0		•0	•0	•0	•0	•0
13-16	•0	.0	•0	.0	•0	•0	•0	•0		.0	.0	•0	.0	•0
17-19	•0	.0	•0	•0	.0	.0	•0	•0		.0	.0	•0	•0	•0
20+22 23 <b>-</b> 25	.0	.o .c	•0	•0	.0		•0	•0		•0	.0	•0	•0	•0
26-32			•0	•0	.0	•0		•0		.0	•0	•0	•0	•0
33-40	.0	.0	•0	•0	٠.	•0	•0	•0		•0	.0	•0	•0	•0
41-48	•0		•0	•0	•0		•0	•0		.0	•0	•0	•0	•0
49-60	٠.0	•0	•0	•0	•0	•0	.0	.0		•0	•0	•0	•0	•0
61-70	.0	.0	•0	•0	•0	.0	.0	.0		•0	.0	•0	.0	•0
71-86	.0	.0	•0	.0	.0	.0	•0	•0		.0	•0	•0	.0	•0
87+	:0	:0	•0		.0	.0	•0	.0			•0	.0	.0	.0
TOT PCT		•	•0	.0	•0		.0	.0		3.8	.0	•0	:0	6.8
101 101	••	·	••	•••	••	••	••	ď	, ,,,	3,0		••	••	0.0
HGT	1-3	4-10	11-21	E 22-34	. +=47	48+	. PCT	1-1	4-10	11-21	5E 22-33	34-47	48+	PCT
<1	0	2.3	•0	.5	.0	7.0	2.3	3,0		.0		.0		6.8
1-2	:0	13.6	2.3		.0	.0	15.9	•0		7.6	.0	:0	:0	18.2
3-4		.0	5.3	.0	.0	.0	5.3			9.1	.0	.0	.0	12.1
5-6	:8	2.3	2.3	:0	.0	:6	4.5	:0		6.8	:8	:0	:8	7.6
7	:				.0			, č		.0				
4-7	.ŏ		•0		.0	.0				.0		ŏ		
10-11			.0	.0	ő		.0	č		ŏ		.0	.ŏ	.õ
12	.0		•0	.0	.0	.0	.0			.0		.0	.0	
13-14	.ŏ		ě	٠.:	.0		.0	č		.0		.0		.0
17-19	.0		.0	.0	.0		, 0			.0		.0	.6	
20-22	.ŏ	.0	.0	.0	.0	.ŏ	.0	i					.ŏ	
23-25	.ŏ	.0	•0	.0	.0			, č		.0		iŏ	ě	.0
26-32	.0	.0	•0	.0	.0	.ŏ	.0			ŏ		.0		.0
33-40		.0	.0	.0	.0		.0			.0		ŏ		.0
41-48	.0	.0	.0	.0	.õ	.0	.0			ŏ		ě	.6	.0
49-40	.ŏ		.0	.0	, ŏ	.0		i		ŏ	ŏ	.0		;:
61-70	.0		ŏ		ě	.ŏ		, č		ě	:ŏ			٥
71-86	ě	.0	ŏ	.0	.0	.0	.0	, c				ō		.0
87+	.0	.0	.0	.õ	.0	.0	.0			,õ			.ö	.0
TOT PCT	,0	18.2	9,8	.0	.0	.0	28.0	3,0		23.5		*0	,5	44.7

								SEPT	EMBER							E	
PERIODI	(DVE	-ALL)	1963-1	971				TABLE 18	(CONT)				AREA		45 108	ST JAVA SE .GE	^
				₽C	T FREG C	F WIND	SPEED	(KTS) AND	DIREC	TION V	ERSUS S	EA HEIG	HTS (FT	)			
HGT	1-3	4-10	11-21	S 22-33	34-47	48+	PCT		1-3	4=10	11-21	SW 22-33	34-47	48+	PCT		
<1	3.0		.0		.0		3.0		3.0	.0	.0	.0	.0	.0	3.0		
1-2	.0	3.0	2.3	.0	.0	.0	5.3		.0	.0	.0	.0	.0	.0	.0		
3-4	.0	.0	.0	.0	.0	•0	.0		.0	•0	.0	•0	.0	.0	.0		
5-6	.0	.0	.0	.0	.0	•0	.0		.0	•0	.0	•0	•0	.0	.0		
7	.0	.0	•0	.0	.0	•0	.0		•0	•0	.0	•0	.0	.0	.0		
8-9	.0	.0	•0	•0	.0	-0	.0		.0	•0	.0	.0	•0	•0	•0		
10-11	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	•0	•0	.0	•0		
12	•0	.0	•0	.0	•0	•0	•0		•0	•0	.0	•0	•0	•0	•0		
13-16	•0	.0	•0	.0	.0	.0	.0		.0	•0	•0	•0	•0	•0	•0		
17-19	.0	.0	•0	•0	.0	•0	.0		•0	•0	•0	•0	•0	.0	•0		
20-22	•0	.0	•0	.0	.0	•0	.0		•0	.0	•0	•0	•0	•0	•0		
23-25	•0	.0	•0	.0	.0	•0	•0		.0	:0	.0	.0	.0	.0	.0		
26-32	•0	.0	•0	•0	•0	•0	•0		.0	.0	.0	•0	.0	:0	.0		
33-40	.0	.0	.0	.0	•0	•0	.0		.0	.0	.0	•0	٠٥	.0	.0		
41-48 49-60	:0	.8	.0	:0	.0		:ŏ		ő		.ŏ						
61-70		.0	.0		.0	.0	.0		ň	·ŏ	.0	.0	.0	.0			
71-86		.ŏ	.0	.ŏ	.0	.0	ě		ò	.0			•0		.0		
87+	.0	.5	.0		.0	.0	.0		.0	.0		•0	ŏ	.0	.5		
TOT PCT	3.0	3.0	2.3	.0	•0	.0	8.3		3.0	.0	.0	•0	•0	.0	3.0		
				w								Nw				TOTAL	
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PGT	
<1	.0	.0	.0	.0	.0	.0	• 0		.0	•0	.0	•0	.0		.0		
1-2	.0	.0	•0	.0	.0	.0	.0	,	.0	.0	.0	•0	•0	.0	.0		
3-4	.0	.0	•0	.0	.0	.0	.0	1	•0	•0	.0	.0	•0	.0	.0		
5-6	.0	.0	•0	.0	•0	.0	.0		•0	.0	.0	•0	•0	.0	.0		
7	.0	.0	•0	.0	•0	•0	.0		•0	•0	.0	• 0	.0	.0	•0		
8-9	• 0	.0	•0	.0	•0	•0	• 0		•0	•0	.0	•0	•0	•0	•0		
10-11	•0	.0	•0	.0	•0	•0	• 0		•0	•0	•0	•0	•0	•0	•0		
12	•0	.0	•0	.0	•0	.0	•0		.0	.0	.0	•0	•0	.0	•0		
13-16	.0	.0	•0	.0	•0	•0	• 0			.0	.0	•0	•0	.0	.0		
17-19	•0	.0	•0	.0	•0	•0	• 9		•0	.0	.0	••	•0	.0			
20-22	.0	• 0	• 6	•0	•0	.0	•0		.0	.0	,0	•0	•0	.0			
23 <b>-25</b> 26 <b>-3</b> 2	.0	.0	•0	.0	.0	.0	::		ě	.0	.0	.0	•0	.0	.0		
33-40	.0	.0	•0	.0					ŏ	.0		:0	0	.0			
41-48		ŏ	.0		ě				ě	.0		.0		.0			
49-60	ě	.ŏ	•0						.0	.0			•0	.0			
61-70	.5		•0	.0	.0				.0	.0		.0	.0	.0			
71-86	.0	.0	.0	.0	.0	•0			ŏ	:0			.0	·ŏ			
87+	.0	.0	.0	.0	.0	.0	• (		.0	.0		.0	•0	.0			

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-39	34-47	48+	PCT	TOT
<1	20.0	11.4	.0	.0	.0	.0	31.4	085
1-2	.0	25.7	11.4	.0	.0	.0	37.1	
3-4	.0	2.9	14.3		.0	.0	17.1	
5-6	.0	2.9	11.4				14.3	
7	.0	.0	.0				.0	
8-9	,ŏ	.0		ŏ			.0	
10-11	.ŏ	.0					.0	
12	.ŏ	.6	.0					
13-16	.ŏ	.ŏ	.0					
17-19	.0							
20-22	.0	•0	.0				•0	
23-29	.0	•0	.0				•0	
26-32	.0	•0	•0				٠,	
33-40	.0	.0	.0				.0	
41-48	.0	•0	.0				.0	
49-60	.0	.0	.0	.0			.0	
61-70	.0	.0	.0	.0	0	.0	.0	
71-86	.0	.0	.0			.0	.0	
97+	.0	.0	.0			.0	.0	
	• •	• • •	• • •	•-	-	• -	• • •	35
TOT PCT	20.0	42.9	37.1	.0	.0	.0	100.0	•

PERIO	S: (DV	ER-ALL	) 194	9-1971	ı				TABLE	19											
					PFRCENT	FRE	QUENCY	OF WA	VE HEI	GHT (F	T) VS	HAVE P	ERIOD	(SECONI	DSI						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-1	10-11	12	13-16	17-19	20-22	23-25	26-32	3~-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN TOH
<6 6-7	6.8	37.0	18.6	3.4	3.4	1.7		.0			:0	•0	.0	•0	.0	:0	:0	:0	:0	42	2
8-7 10-11	•0	•0	.0	1.7	.0	.0	• • •	.0		0	0	.0	.0	.0	.0	.0	.0	.0	.0	1	5
12-13 >13	•0	.0	.0	.0	:°	.0		.0					•0		.0	:6	.o .o	.0	.0	0	
INDET	10.2	.0 25	3.4 16	.0	.0	.0	0	.0	• • • • • • • • • • • • • • • • • • • •	.0	0	•0	.0	•0	•0	.0	.0	•	.0	5	1
PCT	14.9	42.4	27.1	1.5	3.4	1.7	• • • •	• (	) .0		0	:	.0	•0	•0	.0	.0	.0	•0	100.0	

									дето	BER								
PERICO	(PRIMARY)								TABL	El				AREA OOL		THWES		SEA
					•	ERCEN1	r FREQU	ENCY U	F WFATHE	R DCCUR	RENCE	SY WI	ND DIR	ECTION				
				•	RECIPI	TATIO	TYPE						OTHER	WEATHER	PHEND	MENA		
	WNO DIR	RAIN	RAIN SHWR	DR7L	FRZG PCPN	SNOW	OTHER FRIN PCPN	HAIL	PCPN AT OB TIME	PCPN HOL		THOR	FOG WO PCPN	FOG WO PCPN Past Hr		BLWG	RAY DUST SNOW	
	N HE E SE SH W WAR VAR CALM	5.3 .0 7.7 .0 .0 .0 .0	7.0	3.8	.0	00000000000	.0	000000000000000000000000000000000000000	5.3 3.8 .0 9.6 7.0 .0 .0	1	000000000000000000000000000000000000000	16.0 7.5 4.6 8.1 .0 .0	.0 1.9 .8 5.7 3.5 2.8 2.7 .0	.00	16.0 9.4 6.8 1.0 3.5 16.7 8.1 3.9		00000000	68.0 77.4 86.1 79.4 86.0 80.6 89.2 76.5
	TOT PCT TOT DBS:	2.4 245	1.6	.4	.0	•0	.0	•0	4.5	Í	•	4.9	2.4	•0	6.1	•	•0	₩2.0
									TAS	LE 2								
							-	FREQUE	NCY OF W	EATHER	OCCUR	RENCE						
	HOUR		PAIN		PRECIPI PRZG		N TYPE OTHER	MATI	PCPN 41	- DCBN	PAST	THOR	OTHER FDG	FOG NO	-	-	RAY	ħ0
	(GHT)		SHWR		PCPN	SUUM	FRZN PCPN		OB TIME	HBI	UR	LTNG	PCPN	PCPN PAST HI	HAZE	BLWG	DUST SNOW	SIG
	00503 66609 12615 18621	.0 3.6 3.5 4.4	2.0 2.4 .0 3.3	1.2	.0	.0 .0	:0	.0	2.0 7.1 3.5 7.8		.0 .0 .0	1.2 3.5 12.2	3.9 .0 3.5 2.2	•0	11.6 11.5 5.1 2.2	,	.0	82.4 81.0 84.2 77.8
	TOT PCT TOT OBS:	3.2 202	2.1	.4	.0	•0	.0	•0	5.7		•4	5.0	2.1	•0	7.4	•	•0	€.0
									•	iLE 3								
					PERCE!	NTAGE	FREQUE	NCY OF	WIND DIA	-	BY SP	EED AN	D BY H	IDUR				
	WND DIR	0-3		D SPEE:			48+	TOTAL	PCT P	EAN	00	03	06	HOUR 09	(GMT)	15	18	21
	N N	1.3	3.1	.6	.1	.0	.0	Das		520	3.2				7.1	4.5	5.2	_
	NE E S S N N N VAR CALM	2.1 2.3 3.3 2.2 1.7 2.2 .9	7.5 15.2 14.6 10.7 7.2 2.6 4.1	.8 4.1 4.8 1.5 .9 .2	.1	000000000000000000000000000000000000000	.0		10.4 21.7 22.6 14.5 9.8 5.0 5.7	6.8 7.9 7.8 6.8 6.3 4.5 7.0	4.6 10.9 33.6 21.3 16.0 4.6 2.1	30.9 30.9 22.2 22.2 11.1	25.9 27.4 9.0 12.4	20.6 26.9 13.1 2.5 2.5 5.6	15.0 25.2 15.7 9.5	13.6 40.9 22.7 .0 4.5 4.5 9.1	10.1 23.0 19.9 16.7 8.6 5.4 5.9	4-4 13-6 24-5 27-2 14-6 5-8
	TOT CHS			13.6	.3	•0	•0	646	100.0	6,7	100.0		100.0	100.0	105	100.0	100.0	100.0
									TAI	ILE 3A								
			W	ND DIR	0-6	WIN 7-16	ID SPEE 17-2	D (KND 7 28-	75) 40 41•	TOTAL OBS	PC	T ME		00	HDUR 06 09	(GHT) 12 15		
			Ţ	N NE E S S N N N N N N N N N N N N N N N	3.6 5.4 10.2 10.3 7.8 6.5 4.0 3.6 5.1	10.0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 5 1 2 4 0 4 0	0 00 00 00 00 00 00 00 00 00 00 00 00 0	646	5, 10, 21, 22, 14, 9, 5,	1 5. 4 6. 7 7. 6 7. 5 6 6. 7 7	2 8 8 3 5 0 0	13.3 32.8 21.4 14.6 4.4 2.9 .0 2.9	20.3 22.1 7.0 8.7 4.7 7.5 .0 3.8 213	6.9 14.9 26.7 16.4 4.7 4.7 8.4 .0	21.7 21.7 11.4 5.6 3.7 .0 5.6 214	
			T	OT PET	54.5				• • •		100	.0		100.0 1	00.0 1	00.0	100.0	

OCTORER

PERIOD: (PRIMARY) 1912-1972 (OVER-ALL) 1857-1972

TABLE 4

AREA 0010 SQUTHWEST JAVA SEA 5.55 108.76

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GMT)

				WIND	SPEED (	KNOTS }			PCT	TOTAL
HQUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FREQ	OBS
00203	2.9	14.6	66.0	15.5	1.0	.0	.0	7.3	100.0	103
90360	3.8	12.7	70.9	12.2	. 5	.0	.0	6.9	100.0	213
12615	1.6	19.0	58.6	13.8	.0	.0	.0	6.5	100.0	116
18221	5.6	18.2	62.1	14.0	.0	.0	.0	6.5	100.0	214
TOT	33	103	420	11	2	Ö	0	6.7		646
PCT	5.1	15.9	65.0	13.6	.3	.0	٠.		100.0	

TARLE 5

TABLE 6

	19066 3											• •						
	PCT FRE			CLOUD A		(EIGHTHS)		•					CEILIN NH <5/					
NAD DIE	0-2	3-4	5-7	8 & 085CD	TCTAL CBS	COVER	000 149	150 299	300 499	600 999	1000	2000 3499	3500 49 <b>9</b> 9	5000 6499	6500 7999	<b>8000</b> ◆	NH <5/8 ANY HGT	
N	1.1	1.5	.0	1.1		4.0	•0	.0	.0	.0	.0	1.1	.0	•0	•0	.0	2.7	
NE	4.9	.0	1.5	4.5		4.5	•0	.0	.0	1.5	1.5	.0	.0	.0	•0	.0	8.0	
Ė	6.1	14.0	4.9	1.5		3,6	•0	.0	.0	1.1	.0	.0	.0	.0	•0	.0	25.4	
š£	7.6	12.1	12.1	4.5		4.6	• 0	ñ	. ^	1.9	3.0	1.5	1.5	•0	•0	ō	28.4	
Š	1.5	2.7	4.2	.0		4.0	•0	.0	.0	.0	1.5	.0	.0	•0	1.5	.0	5.3	
Sw	1.5	.0	.0	.0		2.0	•0	.0	.0	.0	40	.0	.0	• 0	•0	.0	1.5	
¥	.0	1.5	•0	.0		4.0	•0	.0	.0	.0	.0	.0	.0	•0	•0	.0	1.5	
ÑH	.0	1.5	3.0	.4		5.5	•0	.0	.0	.0	1.5	. 4	.0	•0	•0	.0	3.0	
VAR	.0	.0	•0	.0		•0	•0	ö	. 0	.0	0	.0	, o	•0	•0	.5	•0	
CALM	1.5	1.5	1.5			4.5	•0	.0	.0	.0	1.5	1.5	.0	•0	•0	.0	3.0	
TOT USS	16	23	is	• • •	66	4.2		ň	č	3		•••	·ĭ	ŏ	ĭ	• • •	Šž	66
TOT PCT	24.2	34.8	27.3	13.6	100.0		•ŏ	•ñ	.0	4.5	9.1	4.5	1.5	•0	1.5	•0	78.8	100.0

TARLE 7

PARKET ATTUE			20	SIMULTANEOUS	OFF HARENCE
OR CETI 11	AC MET	CHT	CNA	· SA/R1 AND V	CRU / NM t

				VSBY (NM	1)			
CEILING	# CR	• DR	= GR	= 5R	• DR	- CR	• DR	• OR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
■ DR >5000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
■ DR >3500	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.8
■ DR >2000	5.6	7.0	7.0	7.0	7.0	7.0	7.0	7.0
■ OR >1000	14.1	15.5	15.5	15.5	15.5	15.5	15.5	15.5
<ul> <li>OR &gt;600</li> </ul>	15.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7
■ DR >300	15.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7
■ DR >150	15.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7
• DR > 0	15.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7
TOTAL	11	14	14	14	14	14	14	14

TOTAL NUMBER OF DBS: 71

PCT FREQ NH <5/8: 80.3

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD DBS 13,4 15,9 19,5 19,5 14,6 6,1 2,4 2,4 6,1 ,0 82

								00	TOBER						
PERIOD: (PRIMARY (OVER-AL		912-1972 857-1972						TA	BLE #				ARE	A 0010	SOUTHWEST JAVA SEA 5.55 108.7E
			PI	RCENT		OF WINI								E OF	
,	/SBY		N	NE	E	SE	s	Sw	w	Nw	VAR	CALM	PCT	TOTAL	
•	1/2	PCP NO PCP TOT %	.0	.0	•0	•0	•0	•0	.0	•0	•0	•0	.0		
1	/2<1	PCP NO PCP TOT %	.0 .0	.0	•0	.0	•0	•0 •0	.0	•0	.0	•0	•0 •4 •4		
1	<2	PCP ND PCP TOT 3	.0	.0	.0 1.2 1.2	.0 .2 .2	•0 •6	.0 1.2 1.2	.6	•0 •2	.0	•0	5.3 5.3		
:	2<5	PCP NO PCP TOT %	.0	.0	.0	.0	•0	•0	.0	•0	.0	•0	.0		
:	<10	PCP ND PCP TOT %	3.6	5.9 6.3	.0 8.6 8.6	1.6 6.3 8.0	5.3 5.7	•0 4•5 4•5	.0 5.1 5.1	2.8 2.8	.0	.8 1.2 2.0	3.7 43.3 46.9		
1	10+	PCP NO PCP TOT %	2.9	4.5	.0 14.0 14.0	.4 12.3 12.6	4.9 5.3	1.6 1.6	1.8 1.8	2.9 2.9	•0	.0 1.2 1.2	.8 46.1 46.9		

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245

					MITH A	ARYING	VALUE	S UF V	ISIBIL	ITY			
VSBY (NH)	SPD KTS	N	NE	E	SE	S	SH	w	NW	VAR	CALM	PCT	TOTAL OBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	•0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	.0	.0	٠.	.0	.0		.0	
	22+	.0	.0	.0	.0	.ò	.0	٠.	.0	.0		.0	
	TOT %	.0	•0	.0	.0	•0	.0	•0	.0	.0	•0	.0	
	0-3	.0	•0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	•0	.0	.3	•0	.0	.0	٠.	.0		.3	
	11-21	.0	.0	•0	•0	.0	.0	•0	٠.	.0		.0	
	22+	۰0	.c	٠.	۰۵	.0	.0	.0	.0	.0		.0	
	TOT %	.0	.0	.0	.3	.0	.0	.0	.0	.0	•0	.3	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	
1<2	4-10	.3	.0	1.0	.0	.3	.3	.5	. 2	.0		2.6	
	11-21	.3	.0	.0	.2	.2	, 6	.0	.0	.0		1.3	
	22+	, è	.0	.0	.0	• 0	,ō	.0	.0	.0		0,	
	TOT %	.6	.0	1.0	.2	.5	1.0	. 5	. 2	.0	.3	4,5	
	0-3	.0	.0	.0	.0	.3	.0	.0	.0	.0	.3		
2<5	4-10	.0	•0	.5	. 5	, 3	.0	.0	.0	.0	• •	1.3	
	11-21	.ō	.0	.0	.0	ě	.ŏ	.0	.ŏ	ě		.0	
	22+	.0	.0	.0	•0	.0	.0	• • •	.0	.o		ò	
	TOT %	.0	.0	.5	.5	.6	.0	.0	.0	.0	.3	1,9	
	0-3	1.0		. 8	1.3	.6	.6	2.2	. 3	.0	1.6	9,3	
5<10	4-10	1.5	3.4	3.5	4.0	3.2	2.7	1.4	1.7	.0	•	21.5	
	11-21	1.0		2.4	1.0	.6	.2	.3	. 2	, ò		6.4	
	22+	.0	.0	.0	.0	.ŏ	, š	.0	.0	.0		.0	
	TOT \$	3.4	5.0	6.7	4.3	4,5	3.5	4.0	2.2	.0	1.6	37,2	
	0-3	1.0		1.6	1.1	1.3	.5	.8	1.0	.0	2.9	10.7	
10+	4-10	1.0	5.4	11.1	8	5.1	2.9	1.0	1.6	.ŏ		37.5	
	11-21	.0	.3	3.3	3.9	.5	.0	.0	0.0	.ō		8.0	
	22+	.0	·ŏ	.0	0.0	.0	.0	.0	.0	.ŏ		.0	
	TOT %	2.7	4.6	15.9	13.7	6.9	3.4	1.6	2.6	.0	2.9	36,4	
	280 101												312
1	TOT PCT	4.8	11.5	24.1	20.9	12.3	7.9	4.3	4.9	.0	5.1	100.0	

FERIUD: (PRIMARY) 1912-1972 (OVER-ALL) 1857-1972

TABLE 10

AREA 0010 SOUTHWEST JAVA SEA 5.55 108.7E

PERCENT	FREQUENCY	OF	CFI	CING	HEIGHT	S (FEET, NH	>4/81	AND

							•						
HOUR (GMT)							3500 4999			8000+	TOTAL	NH <5/8 Any hgt	TOTAL
50300	.0	.0	•0	•0	•0	•0	.0	•0	5.9	•0	5.9	94.1	17

06:09 .0 .0 .0 3.7 7.4 3.7 3.7 .0 .0 .0 18.5 81.5 27

12:15 .0 .0 .0 6.3 .0 6.3 .0 .0 .0 .0 .0 12.5 87.5 16

18:21 .0 .0 .0 4.5 18.2 4.5 .0 .0 .0 .0 .0 27.3 72.7 22

TOT 0 0 0 3.7 7.3 3.7 1.2 .0 1.2 .0 17.1 82.9 100.0

TABLE 11

TABLE 12

		PERCENT	FRFOI E	CY V\$84	(NM)	BY HOUR		CUMULAT					VSRY (NM) Jary Hour	
HDUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
€0300	.5	1.7	8.5	3.4	32.2	54.2	59	00603	•0	.0	.0	6.3	93.4	16
90360	.0	.0	6.9	.0	35.6	57.4	101	<b>P</b> 0360	.0	.0	4.3	17.4	78.3	29
12615	.0	.0	4.2	1.4	43.7	50.7	71	12615	.0	.0	7.1	7.1	85.7	14
18621	.0	•0	1.7	2.5	46.6	49.2	118	18621	.0	.0	5,6	27.8	66.7	10
TOT PCT	.5	. 1	4.9	1.7	141	184 52.7	349 100.0	TOT PCT	.0	.0	4.2	15.5	57 80.3	71 100•0

TARLE 13

TABLE 14

				7.		,									1201	- 1-				
	PERCE	NT FR	EQUENC	r OF R	ELATIV	E HUMS	B YTIC	Y TEMP	TOTAL	PET		PERC	ENT FR	EQUEN	Y OF W	140 DI	RECTIO	N BY T	EMP	
TEMB F	0-27	30-39	40-49	50-59	40-69	70-79	80-89	90-100		FREQ	N	NE	E	SE	S	5W	nf.	NW	VAR	CALM
90/94	.0	٠,٥	.0	1.6	. 5	.0			4	2.1	0	.0	1.6	. 5	.0	.0	.0	0	.0	.0
85/89 80/84 75/79	.0	.0	.c			5.3 31.2		6.3	30 149	15.9	1.9	2.4	16.7	1.9	11.6	2.1 6.3	7.9	3.2 2.1	.0	3.7
75/79 TOTAL	.5	•0	•0	•0	25	.0			189	3.2	.9	•0	•0	1.1	.5	۰.	.0	•1	.0	.5
PCT	.0	•0	.0	1.0	13.2	36.5	40.7	7,9	- '		7.4	8.9	22.5	22.8	12.2	8.5	8.2	5.4	•0	4.2

TARLE 15

	MEANS,	EXTREM	FS AND	PEHCEN	ITILES	OF 75	4P (DE	G F) 8	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTIGIHL	SY HOUR	
HOUR (GMT)	MAX	99*	95%	50%	51	1%	MIN	MEAN	TOTAL OBS	HJUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL DBS
£0300	86 94	85 92	84 88	82	79 #1	78 79	78 79	84.5	107	£0300	•0	.0 4.5	5,3 28,4	50.0 35.8	36.8	7.9 1.5	80 74	38
12615	85	84	84	83	79	75	75	82.7	114	12615	.0	.0	6.7	37.8	44.4	11.1	.0	45
18381 TOT	87 94	89	84 86	67 83	79 7 <b>9</b>	76 77	75 75	\$1.6 \$2.7	220 643	18621 TOT	•0	•0	4.0 27	29.3 82	56.0 9 <b>6</b>	10.7	92 7 <b>9</b>	75 225

**DCTOSER** 

PERIOD: (PRIMARY) 1912-1972 (DVER-ALL) 1857-1972

TABLE 17

AREA 0010 SOUTHWEST JAVA SPA 5,55 108,78

CT FRED OF AIR TEMPERATURE (DEG VS AIR-SEA	F) AND THE DECURRENCE OF FOG (WITHOUT TEMPERATURE DIFFERENCE (DEG F)	PRECIPITATION)
---	--	----------------

							,		
AIR-SEA THP DIF	73 76				89 92	>92	701	# FDG	¥0 FDG
7/6	.0		1.0	.0	.0	.5	3	.0	1.5
6	.0	.0	.0		.0	•0	ĩ		
5	.0				1.0			•0	. • 5
ī						•0	5	•0	2.5
	.0	•0			.0	.0	6	.0	3.0
3	.0				.0	•0	7	.0	3.5
2	.0	.0	7.1	3.5	.0	.0	21	.0	10.6
1	.0	.5	6.6		.0	.0	16		
Ŏ	.5	.5	18.2		.0			•0	8.1
-i		1.5				.0	39	.5	19.2
-1	.0	1.03		2.0	.0	.0	35	1.0	16.7
-2	.0	2.5	14.6	.0	.0	.0	34	.5	16.7
-3	.0	2.0	4.0	.0	.0	.0	12		4.1
-4	.0	2.0	3.5		.0	•0			
-5	.0		.,				13	•0	•.6
				.0	.0	•0	1	.0	.5
-6	•0	1.0	.5	.0	.0	.0	3	•0	1.5
-7/-8	.0	•0	1.0	.0	.0	.0	2	.0	1.0
TOTAL	1		146	•	2	• -	•	• • •	194
	-	21	• • •	25	•		198	•	174
PCT	.5		74.7		1.0		190.0	2.0	98.0

PERIOD: (DVER-ALL) 1963-1972

				P	T FRED	OF WIND	SPEED	(KTS)	AND DIRE	CTION V	ERSUS S	EA HEIG	H"S (FT	)	
HGT	1-3	4-10	11-21	N 22-33	34-47	484	PCT		1-3	4=10	11-21	NE			
<1	3.1	2.3	• 0	.0	.0	•0	5.5		-0	•0		22-33	34-47	484	PCT
i -2	.0	.0	.0	.0	.ò	.ŏ			ò	3.1	.0	•0	•0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0		ŏ	3.1		.0	•0	.0	3.1
5-0	• 0	.0	•0	.0	.0	•0	• 0		.0	.0	.0	.0	•0	•0	3.1
,7,	.0	.0	•0	.0	.0	.0	• 0		.0	.0	.0	.0	.0	٥.	.0
8-7	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	.0	.0	•0
10-11	.0	.0	•0	.0	.0	•0	•0		.0	.0	.0	.0	٠٥	.0	.0
2	.0	.0	•0	. 2	.0	•0	•0		.0	.0	.0	.0	٠٥	.0	.0
17-19	• 0	.0	•0	.0	.0	.0	•0		.0	.0	.0	.0	ě	.;	.0
20-22	.0	.0	2	.0	.0	.0	•0		•0	.0	.0		.0	.ŏ	.0
23-25	•0	.0	•0	•0	.0	•0	•0		.0	•0	.0		.0		ö
26-32	.0	.0	•0	•0	.0	•0	•0		.0	.0	.0	.0		.0	.0
33-40	.0	.0	•0	.0	•0	•0	•0		•0	•0	•0		·ŏ		.0
41-48		.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	, 0	.0	ě
49-00	.0	.0	•0	.0	•0	•0	•0		.0	•0	.0	.õ	.0	. 6	ě
61-70		.0		.0	.0	•0	.0		•0	•0	.0	.0	.0	.0	ŏ
71-06	.ŏ	.0	•0	.0	.0	•0	•0		•0	•0	.0	.0	.0	.0	ě
87+		.ö	•0	.0	.0	•0	•0		.0	•0	.0	.0	.0	.õ	.0
TOT PCT	3.1	2.3	•0	.0	.0	•0	0		•0	.0	•0	.0	.0	.0	
			•0	••	•0	•0	5.5		•0	6.3	•0	•0	•0	.0	6.3
HGT	1-3	4-10	11-21	£ 22-33	34-47	48+	PCT					SE			
<1	.0	5.5	.0	.0	0.	0	3.3		1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.0	13.3	ě	.0	.0	.0	13.3		.0	3,9	.0	•0	•0	.0	3.9
3-4	.0	.0	11.7			:ŏ	11.7		3,1	9.4	3.1	.0	•0	.0	15.6
5-6	.0	.0	6.3	.0		.ŏ	6.3		.0	3.1	13.3	.0	.0	.0	16.4
7	.0	.0	•0	.0			• 0		•0	.0	۰,0	.0	.0	.0	.0
8-9	٠.	.0	•0	.0			.0		.0	:0	3.1	٠0	•0	.0	•0
10-11	.0	٠.	•0	.0	.0	• 0	.0		٥			.0	•0	•0	3.1
15	•0	.0	•0	.0	.0	.0	.0		ěŏ	ŏ	:0	.0	•0	•0	•0
13-16	•0	.0	•0	.0	.0	.0	.0		.0		:0	:8	.0	.0	•0
17-19	.0	.0	•0	.0	.0	.0	•0		Ö	.0	.ŏ	.0	.0	.0	•0
20-22	•0	.0	•0	.0	.0	.0	.0		.0	ō		:0	.0	•0	•0
23-25	.0	.0	٠0	•0	.0	.0	.0		iò	ō	.0		ŏ	•0	•0
26-32	••	.0	•0	٠٥.	.0	•0	•0		ŏ	.0		.0	.0	.0	•0
33-40	.0	.0	•0	.0	•0	.0	.0		.0	ò	.õ		٥	:0	:0
41-48	•0	.0	•0	.0	.0	•0	.0		.0	iò	.ŏ	.ŏ	٥	.0	
49-60 61-70	•0	.0	•0	.0	.0	.0	.0		.0	ō		:ŏ	.0	:0	•0
71-86	• 0	.0	•0	.0	.0	•0	•0		•0	, Ö		:0	.0	:0	.0
47.	.0	٠.٥	•0	••	•0	•0	.0		.0	.0	٥٠	:	.0	:0	.0
TOT PCT	:0	18.8	0	.0	•0	•0	•0		•0	.0	.0	.0		.0	٠٥
IN PLI	••	16.5	18.0	•0	•0	•0	36.7		3.1	16.4	19.5	:0	.0		39.1

PERIOD:	(OVE	R-ALL)	1963-1	972					OCTORER				AREA	0010 \$	DUTHWE	ST JAVA SĒĀ
P & ~ 1 O B ·			• • • • •					TABLE	18 (CONT)	)				5.5	\$ 108.	,7E
				PC	T FRED I	OF WIND	SPEED	(KTS)	AND DIREC	TION	VERSUS S	EA HEIG	HTS (FT)			
HGT	1-3	4-10	11-21	5 22-33	34-47	48+	PCT		1-3	4-10	11-21	Sw 22=33	34-47	48+	PCT	
<1		.0	.0	.0	.0	.0	ò		.0	.0		.0	.0	.0	.0	
1-2	ě	2.3	2.		.0	.0	2.3		.0	.0		•0	.0	.0	.0	
3-4	.0	.0	.0		ŏ	.0	.0		.0	.0		٠Ō	.0	.0	.0	
5-6		.6	.0	.0	.0		.0		.0	.0	.0	•0	.0	•0	.0	
7	ŏ		.0	.0	.0	.0	.0		.0	.0	.0	•0	•0	•0	•0	
8-9	.0	.0	•0	.0	.0	.0	.0		•0	.0		•0	•0	.0	•0	
10-11	.0	.0	.0	.0	.0	.0	.0		•0	.0		•0	•0	.0	•0	
12	.0	.0	•0	.0	.0	.0	.0		•0	.0		•0	•0	•0	•0	
13-16	.0	.0	•0	.0	۰.	.0	.0		•0	.0		•0	•0	.0	•0	
17-19	.0	.0	.0	.0	.0	.0	.0		•0	٠.		•0	•0	•0	•0	
20-22	.0	.0	•0	.0	.0	.0	.0		•0	.0		.0	•0	•0	•0	
23-25	.0	.0	•0	.0	.0	.0	.0		•0	•0		•0	٥٠	•0	•0	
26-32	.0	.0	•0	.0	.0	•0	•0		.0	•0		•0	•0	•0	•0	
33-40	.0	.0	•0	•0	.0	.0	.0		•0	•0		•0	•0	.0	•0	
41-48	.0	.0	•0	.0	.0	.0	.0		•0	.0		•0	•0	•0	•0	
49-60	0	.0	•0	.0	.0	.0	.0		•0	.0		.0	•0	.0	•0	
61-70	٠0	.0	•0	.0	.0	•0	.0		•0	.0		.0	•0	•0	•0	
71-86	.0	.0	•0	.0	.0	.0	.0		•0	.0		.0	•0	•0	•0	
87+	٠,	.0	•0	.0	•0	.0	.0		•0	• 0		.0	•0	•0	•0	
TOT PCT	٠.	2.3	•0	.0	•0	•0	2.3		•0	•0	•••	•0	•0	•0	•0	
				_								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	.0	.0	•0	.0	.0	.0	.0		•0		• • •	•0	•0	•0	.8	
1-2	.0	.0	.0	.0	.0	.0	.0	+	•0	3,1	0	•0	•0	•0	3.1	
3-4	Ö	.ŏ	.0	.0	.0	.0	.0		.0	.0		.0	• • •	.0	.0	
5-0	.0	.0	.0	.0	•0	.0			•0	• 0		.0	•0	.0	•0	
7	.0	.0	•0	.0	.0	.0	.0	1	•0	.0		•0	•0	•0	.0	
1-9	. 0	.0	•0	.0	.0	.0	.0	t	•0	.0		•0	•0	•0	•0	
10-11	. 0	.0	•0	.0	•0	.0	• 0		•0	• 0		•0	•0	•0	•0	
12	.0	.0	•0	.0	.0	.0	.0		•0	• 0		.0	•0	•0	•0	
13-16	.0	.0	•0	.0	.0	.0	• (		•0	• 9		•0	•0	.0	•0	
17-19	.0	.0	•0	.0	.0	.0	• 0		•0	• 9		•0	•0	.0	•0	
20-22	•0	.0	•0	.0	.0	•0			•0	• 6		•0	•0	.0	•0	
23-25	.0	.0	•0	•0	.0	•0	• 6		• ?	• 9		•0	•0	.0	•0	
26-32	.0	.0	•0	.0	.0	•0	• 9		•0	•9		•0	•0	•0	•0	
33-40	.0	.0	•0	.0	•0	•0	• (		•0	•9		.0	•0	.0	.0	
41-48	.0	.0	•0	.0	.0	.0	•		•0	• 9		•0	•0	.0	•0	
49-60	.0	.0	• 0	•0	•0	•0	• •		•0	•9		•0	•0	•0	•0	
61-70	•0	.0	•0	.0	•0	.0	• •		•0	• 9		•0	•0	• 5	•0	
71-86	•0	.0	•0	.0	.0	•0	•		•0	• (			•0	.0	•0	
47.	^		. ^	. ^	. ^	-0	-1									

The properties of the properti

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	707 085
<1	12.1	12.1	.0	.0	.0	. 2	24.2	
1-2	3.0	30.3	3.0	.0		.0	36.4	
3-4	•0	6.1	24.2	.0		.0	30.3	
5-6		`.ō	6.1	.0		.0	6.1	
7		.0		.0			.0	
8-9	.0	.0	3.0	.0			3.0	
10-11		.0		.0			.0	
12	.0	.0	.č	.0			, ŏ	
13-16	.0	.0		ŏ			ŏ	
17-19	.0	.0	.0	.0			.ŏ	
			:0	٥			ŏ	
20-22	.0	•0						
23-25	.0	•0	.0	.3				
26-32	.0	•0	.0	.0			.0	
33-40	.0	•0	.0	•0			.0	
41-48	•0	.0	.0	.0			•0	
49-60	•0	.0	.0	.0			.0	
61-70	.0	.0	.0	.0	.0	.0	,0	
71-86	.0	.0	.0	.0	.0	.0	,0	
87+	.0	.0	.0	.0	.0	.0	.0	
				-			-	33
TOT PCT	15.2	48.5	36.4	.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1972

PRIOD: (OVER-AL

NOVEMBER

PERIOD: (PRIMARY) 1913-1971 (OVER-ALL) 1857-1971

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TABLE 1

AREA 0010 SOUTHMEST JAVA SEA 5.55 108-7E

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AND THE PROPERTY OF THE PARTY O

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HND DIR	RAIN	RAIN SHWR	DRZL	FR2G PCPN	SNOR	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTNG	POG WO PCPN	PUG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	NO Sig Wea
N NE E SE SW W NW VAR CALM	8.2 .0 2.0 8.5 5.3 8.4 1.7 11.4	3.1 6.9 2.0 4.8 10.5 8.4 3.4	2.0 .0 .0 .0 .0 .0 .0	•••••••••	••••••	00000000000	00000000000	13.3 6.9 4.0 13.3 15.8 16.8 8.4 13.8	4.1 .0 .0 4.8 5.3 8.4 .0	9.2 12.6 9.9 8.5 13.2 16.8 15.1 6.5	12.2 .0 2.0 3.6 .0 4.2 .0	• • • • • • • • • • • • • • • • • • • •	2.0 4.6 4.0 1.2 .0 3.4 9.8		63.3 75.9 80.2 72.1 68.4 62.1 73.1 69.9
TOT PCT TOT OBS:	6.4 235	4.3	.9	.0	.0		.0	11.5	2.6	10.6	2.6	•0	3,4	-	71.5

TABLE 2

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RFCIPI	CLTAT	TYPE					OTHER	WEATHER	PHEND	MENA	
HCUR (GMT)	RAIN	PAIN SHWR	DAZL	FRZG PCPN	SNDW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTNG	FOG WD PCPN	POG WO PCPN Past Hr		SPRAY BLWG DUST BLWG SNDW	
00503 06609 12615 18621	11.4 2.7 3.3 11.4	2.3 6.8 1.7 5.1	.0 1.4 .0 1.3	.0	.0	.0	.0	13.6 11.0 5.0 17.7	2.7 1.7 3.8	4.5 .0 20.0 17.7	2.3 2.7 1.7 3.8	.0	.0 6.8 1.7 2.5	.0 .0 .0	81.8 76.7 73.3 59.5
TOT PCT TOT CBS:	7.0 256	4,3		•0	•0	.0	•0	12.1	2.3	10.9	2.7	•0	3.1	•0	71.5

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

NND SIR	0-3			22 <b>-33</b>		48+	TOTAL DBS	PCT FREQ	PEAN SPD	00	03	06	HOUR 09	(GMT) 12	15	18	21
N NE	1.9	5.5 5.3	.2	.0	•0	.0		7.6 7.5	5.5	4.0	•0	8.1	12.8	13.3	6.3	5.3 2.3	2 · 1 5 · 2
E	2.2	8.9	1.i		ě	.0		12.2	6,4	11.9	8.3	10.6		11.3	6.3	12.5	16.1
SF	3.5	11.9	2.2	.0	•0	.0		17.5	6.4	23.3	41.7	19.6	7.0	14.9	37.5	15.7	19.3
Ş	2.1	8.0	1.4	.0	•0	•0		11.5	6.6	15.3	8.3	11.3	7.6	5.4	12.5	13.4	16.7
Sh	3.7	7.5	1.0	.0	•0	•0		12.3	6.0	19.3	8.3	13.3	5.8	. 8 . 6	15.6	14.8	11.5
Ħ	3.1	8.1	2.7	.2	•0	.0		14.1	7.4	10.0	33.3	11.7	7,7	15.5	12.5	14.8	20.3
N₩	1.9	6.1	.6	.0	•0	•0		8.6	6.0	2.3	•0	11.5	12.2	10.1	9.4	10.0	4.7
VAR	.0	.0	٠0	.0	•0	٠.		.0	•0	•0	•0	•0	•0	•0	•0	•0	•0
CALM	4.8							3.8	.0	10.2	.0	7.2	14.0	9.0	•0	11.1	4.2
TOT CBS	177	381	62	2	0	0	622		5.9		6	111	16	111	16	108	96
TOT PCT	28.5	61.3	10.0	. 3	.0	٠Ŏ		100.0		100.0	100.0		100.0		100.0	100.0	100.0

TABLE 3A

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNDTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 03	HDUR 06 09	(GHT) 12 15	1 <b>4</b> 21
N NE E SE S SH W NH VAR CALM TOT ORS	5.5 4.1 7.1 11.5 7.4 7.0 5.1 .0 8.8 396	2.0 3.1 5.1 5.5 4.0 4.8 6.7 3.4	.1 .2 .0 .6 .4 .1 .4 .0	•••••	000000000000000000000000000000000000000	<b>622</b>	7.6 7.5 12.2 17.5 11.5 12.3 14.1 8.6 .0	5.5 6.9 6.4 6.6 6.0 7.4 6.0 .0 .0	3.7 2.7 11.7 24.5 14.9 18.6 12.2 2.1 9.6	10.2 197	12.4 10.4 10.6 17.7 6.3 9.4 15.2 10.0 7.9 127	3.8 3.7 14.2 17.4 15.0 13.2 17.4 7.5 7.8

NOVEMBER	NO	٧e	MB	ER
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PERIOD: (PRIMARY) 1913-1971 (OVER-ALL) 1857-1971

TARLE 4

AREA 00:0 SDUTHWEST JAVA SEA 5.55 108.7E

PERCENTAGE	F*EQUENCY	D#	WIND	SPEED	BY	HOUR	(GRT)

HOUR	CALM	1-3	4-10		SPEED (		48+	MEAN	PCT FREQ	TOTAL OBS
00603 06609 12615 18621 TUT	9.6 10.2 7.9 7.8 95	20.8 22.8 14.7 122	59.6 59.9 60.6 63.7 381	6.4 9.1 8.7 13.2 62	1.1 .0 .0 .5	.0	.0	5.8 5.6	100.0 100.0 100.0	94 197 127 204 622
PCT		19.6	61.3	10.0	. 3	.0	•0		100.0	

TARLE 5

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	14.66						TABLE 6											
I	PCT FREG OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION MEAN							PERCEN	TAGE I	CURRE	NCY OF	CEILIN	G HEIG	HTS (F	TONH :	>4/8) UN		
WND DIR	0-2	3-4	5-7	08500	TOTAL	CLOUD	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 49 <b>9</b> 9	5000 6499	6500 79 <b>9</b> 9	+0006	NH <5/8	
N_	1.5	1.5	2.9			6.2	•0	•0	.0	2.6	.0	.0	.0	•0				
NE	.0	٠.0	4.4	3.3		7.0	1.5	.0		0		.0			•0	•0	6.5	
E	.0	1.5	5.5	.0		5.1	•0	.0	٠,					•0	•0	•0	6.3	
SE	4.4	2.9	3.3	2.9		4.3			• •	•0	1.5	•0	1.5	•0	•0	•0	4.0	
Š	2.9	2.9	2.9	1.5		4.1		•0	•0	•0	. • 0	•0	•0	•0	•0	•0	13.6	
УW	.0	.0	9.9	2.9			•0	•0	•0		1.5	.0	.0	•0	•0	.0	8.8	
i.	1.5					6.6	•0	•0	•0	3.3	1.5	1.5	.0	• 0	• 0	.0	6.6	
NH		2.6	5.3	9,9		6.1	•0	•0	.0	1.1	5.9	4.0	.0	•0	.0	.0	9.2	
	1.5	1.8	2.9	2.2		5.3	•0	•0	.0	.4	.0	. 4	.0	•0	•0	.0	7.7	
VAR	•0	•0	•0	•0		•0	•0	.0	.0	.0				•0				
CALM	1.5	1.5	5.9	•0		5.1	•0	• 0		.0					•0	.0	_•0	
TOT DBS	9	10	30	19	68	5.6	• • •		••	• •	1.5	•0	•0	•0	•0	•0	7.4	
TOT PCT	13.2	14.7	44.1	27.9	100.0	7.0		•		- ?		. 4	. 1	0	0	0	49	48
							1.5	.0	.0	7.4	14.	6.0		_	_	_	~~ .	

TARLE 7

*****************				
OF CEILI	NG HEIGHT	(NH 34	ILTANEUUS IRT AND V	DECURRENCE

				VSBY (NE	1)			
CEILING	• OR	= DR	= OR	a ng	• DR	- OR	• DR	- DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	.0	•0	.0	.0	.0	.0	•0	.0
■ DR >5000	.0	•0	.0	.ŏ	.0		:ŏ	
■ DR >3500	2.8	2.8	2.8	2.8	2.8			
■ DR >2000	8.3	1.3	1.3	1.3	1.3	2.8 8.3	2.8	2.8
■ DR >1000	15.3	15.3	19.4	19.4	19.4	19.4		8.3
■ DR >600	10.1	20.8	26.4	26.4			19.4	19,4
• DR >300	is.i				26.4	26.4	26.4	26,4
		20.8	26.4	26.4	26.4	26.4	26.4	26.4
• OR >150	16.1	20.8	26.4	26.4	26.4	26.4	26.4	26.4
• (R > 0	18.1	20.8	27.0	27.8	27.8	27.8	27.8	
TOTAL	13	15						27,8
,0.25	.,	13	20	20	20	20	20	20

TOTAL NUMBER OF DBS: 7

PCT FREQ NH <5/81 72.2

# TABLE 74

# PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 085CD TOTAL
6.0 17.0 22.0 16.0 12.0 8.0 8.0 3.0 8.0 .0 100

ŧ.	١V	ŧ	H	9	E	R	

								-						
PRIMARY) 1 Over-all) 1							TA	BLE .				ARE	A 0010	SOUTHWEST JAVA SEA 5.55 108.7E
		PI	FRCENT						URRENCE ALUES			CURRENÇ TY	E OF	
V584 (NH)		٨	NE	E	SE	S	Sw	W	NW	VAR	CALM	PCT	TOTAL DBS	
,	PCP	.0	.0	.0	•0	• 0	• 0	.0	.0	.0	.0	.0		
<1/2	NO PCP	.0	, ŏ	.0	.0	•0	.0		.0	.0	.0	ě		
••••	TOT \$	.0	.0	.0	•0	• 0	•0	.0	.0	.0	.0	.0		
	PCP	.0	.0	.0	.0	•0	•0	.0	• 0	.0	.0			
1/2<1	NO PCP	.c	.0	•0	• 0	•0	•0	.0	.0	.0	.0			
	TOT &	٠,0	.0	•0	•0	•0	•0	.0	.0	.0	•0	•0		
	503	. c	.0	.0	.0	• 0	.0	.0	.0	.0	.0	.0		
1<2	NO PCP	.2	.4	.9	•2	•0	•0	. 4	1.3	.0	.4			
	TOT %	.?	.4	.9	.2	•0	•0	.4	1.3	.0	• 4	3.8		
	PCP	. 4	.4	.0	.0	•0	• 0	.6	.2	.0	.0	1.7		
2<5	NO PCP	.6	.0	.0	. 9	• 0	.0	. 9	.0	.0	.0	1.7		
	101 %	. 4	.4	.0	.9	• 0	•0	1.5	. 2	.0	•0	3.4		
	PCP	1.0	.0	•2	1.9	1.3	1.3	. • •	1.2	.0	. 9			
5<10	NO PCP	4.0	4,3	3.4	7.2	1.5	3.2	4.0	5.1	.0	3.4	36.2		
	TOT %	5.0	4.3	3.6	9.1	2.8	4,5	4,5	6.3	.0	4.3	44.3		
	PCP	.0	.2	.2	.4	•0	. 4	.0	.4	.0	.0	1.7		
10+	NO PCP	4.8	3,9	6.1	6.9	5.3	5.2	6.3	4.9	.0	3.4	46.		
	TOT %	4.8	4.1	6.3	7.3	5.3	5.6	6.3	5.3	.0	3.4	48.5		
	TOT 085												235	
	TOT PCT	10.4	4.3	10.7	17.6	6.1	10+1	12.7	13.1	.0	8 • 1	100.0		

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY													
VSBY (HF)	SPU KTS	N	NE	E	SE	S	SW	Ħ	NW	VAR	CALH	PCT	TOTAL
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	•0	•0	.0	٥٠	.0	.0	.0	.0		.0	
	TOT %	•0	•0	•0	•0	.0	.0	.0	-0	•0	.0	.0	
	9-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	
1/2<1	4-10	٠.	.0	• 0	.0	.0	.0	.0	•0	.0		.0	
	11-21	•0	•0	•0	•0	•0	.0	.0	•0	•0		.0	
	22+	•0	•0	•0	•0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	•0	•0	.0	.0	.0	•0	.0	.0	•0	•0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	
1<2	4-10	٠0	.2	.6	• 2	.0	.0	•0	.6	•0		1.6	
	11-21	٠2	.2	•0	•0	•0	.0	.3	.3	.0		1.0	
	22+	٠.٥	•0	•0	•0	.0	٠,٥	•0	0	.0		0	
	TOT \$	.2	.3	.6	•2	.0	.0	.3	1.0	••	.3	2,9	
	0-3	.0	•0	•0	.6	•0	.0	•0	•0	.0	.0	.6	
2<5	4-10	.3	.3	•0	•0	.0	٠,٥	3	.3	• 0		1.3	
	11-21 22+	.0	•0	•0	•0	•0	.0	1.1	.2	•0			
	TOT %	.3	.0	•0	••	:0	.0	1.4	.0	:0	.0	3.2	
	0-3	1.4	.3	.5	1.3		.6	.3	.2	.0	3.2	8.6	
5<10	4-10	2.5	1.9	1.9	5.3	1.6	2.9	2.7	4.2	ŏ		23.0	
	11-21	.0		.5	.5	.2		1.3	. 3	.0		3,5	
	22+	.0	. 3	.0	.0	.0	.0	٠.٥	.0	.0		3	
	TOT \$	3.9	3.4	2.9	7.0	2.6	3.5	4.3	4.7	.0	3.2	35,5	
	0-3	1.0	1.3	.6	.6	1.1	2.2	1.1	1.9	.0	5.4	15.3	•
10+	4-10	4.2	2.6	6.8	6.3	4.6	5.4	4.6	¥.5	.0		38.0	
	11-21	.0	. 5	1.1	1.0	1.1	. 2		. 2	.0		4.8	
	22+	.0	.0	.0	•0	.0	.0	.3	•0	.0		.3	
	TOT \$	5.2	4.4	8.5	7.9	6.9	7.7	6.8	5.6	.0	5.4	58.5	
	TOT BAS												313
1	OT PCT	7.6	8.4	12.1	15.7	9.4	11.3	12.9	11.7	.0	8.9	100.0	

NOV		

PER [ OD:	(PRIMARY)	1913-1971
	(CIVER-ALL)	1857-1971

TABLE 10

AREA 0010 SDUTHWEST JAVA SEA 5.5S 108.7E

PERCENT	FREQUENCY (	3F C	EILING	HEIGHTS	(FEET,NH	>4/8)	AND
	OCCUPI	RENC	E OF NH	29/8 BV	MOUR		

HDUR (GHT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	6000+	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00603	.0	.0	.0	5.0	.0	5.0	.0	.0	.0	•0	10.0	90.0	20
90300	.0	.0	.0	3.4	13.8	6.9	3.4	.0	.0	•0	27.6	72.4	29
12615	.0	.0	.0	3.8	15.4	3,8	3.6	.0	.0	•0	26.9	73.1	26
18221	5.3	.0	.0	10.5	5.3	.0	.0	•0	.0	•0	21.1	78.9	19
TOT	, 1	o	ò	5.3	. 9	4.3	2 2	0	0	0	221	73 77.7	100.0

TABLE 11

TABLE 12

		PERCENT	FREOLEN	CY V581	(NH)	BY HOUR		CUMULAT					VSBY (NM) JJBY HOUR	
HDUR (GHT)	<b>&lt;</b> 1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <b>∢</b> 1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
£0300	.0	.0	.0	5.0	48.3	46.7	60	00003	•0	•0	14.3	7.1	78.6	14
90360	•0	.0	5.1	2.0	29.3	63.6	99	90340	•0	•0	11.8	35.3	52.9	17
12615	.0	•0	1.4	2.8	32.4	63.4	71	12615	•C	0	12.5	12.5	75.0	24
18621	•0	.0	2.9	2.9	43.3	51.0	104	18621	5.9	5.9	17.6	5.9	76.5	17
TOT PCT	.0	.0	2.7	10 3.0	126 37,7	189 56.6	334 100.0	TOT PCT	1.4	1.4	10 13.9	15.3	70.8	72 100•0

TABLE 13

TABLE 14

	PERC	ENT FR	EQUENC	Y UF R	ELATIV	HUMI	DITY BY	Y TEMP				PERC	ENT FR	EQUENC	Y OF W	IND DI	RECTIO	N BY T	EMP	
TEMP F	0-29	30+39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT FREQ	N	NE	E	SE	5	SW	W	NW	VAR	CALM
90/94 85/89 80/84 75/79 TDTAL	.0	.0	.0 .0	•0 •1)	• • •	.0 7.3 71.1 .6	3.0 37.8 3.0 72	.0 .6 5.5 4.9	1 22 127 14 166	.6 13.4 77.4 8.5 100.0	2.7 8.7 1.1	1.8 4.7	.0 7.2 .6	1.5 10.2 1.5	.0 .6 5.8 1.5	.0 9.8 .3	10.4 11.4 19	.0 4.0 11.7 .8	.0	.0 7.9 1.8
PCT	. 0	-					43.9		.04		12.5	6.6	1,4	13.9	7.9	10.2	13.7	16.5	•0	10.4

TABLE 15

TABLE 16

	MENN2>	EXTREM	ES AND	PERCEN	ITTLE\$	DF TE	TP (DE	( F)	Y HUUR	
HOUR (GMT)	MAX	99%	95%	50%	51	1%	MIN	MEAN	TOTAL	HOUR (GHT)
00603	90	88	86	82	77	73	73	81.9	94	00603
90360	92	90	88	84	79	77	76	83.6	203	06609
12615	86	85	85	82	79	79	78	82.5	128	12615
18621	86	85	84	82	77	75	75	81.3	214	18621
TOT	9.2	10	86	82	79	76	73	82.4	A30	107

PERCENT FREQUENCY OF RELATIVE MUMIDITY BY MOUR

HOUR 0-29 30-59 60-69 70-79 80-89 90-100 MEAN TOTAL
GHT) 085
00603 .0 .0 3.0 27.3 57.6 12.1 82 23
00609 .0 .0 14.8 51.9 31.5 1.9 76 54
12615 .0 .0 10 45.7 40.0 14.3 81 35
18621 .0 .0 11.7 28.3 48.3 21.7 83 60
TET 0 0 12 70 79 23 80 182

NOVEMBER

PERIOD: (PRIMARY) 1913-1971 (OVER-ALL) 1857-1971

ί,

TABLE 17

AREA 0010 SOUTHWEST JAVA SEA 5.55 108.7E

<b></b> .											
CT FREG UP	AIR	TEMPERATURE	(DEG	F) AND	THE	DCCURRENCE	OF.	FUG	(WITHOUT	PRECIPITATION	
		VS ATR.	SFA	TEMPER	TURE	DIFFERENCE	: (0	FG F	•		

• •		••••						
AIR-SEA	73 76	77 80	81 84	85 88	98 92	TOT	FOG	NO FOG
5	.0	.0	.0	.0	. 5	1	•0	.5
3	.0	.0	.0	2.5	.0	5	1.0	1.5
2	.0	•0	3.5	2.5	.0	12	. 5	5.4
ī	.0	• 0	5.0	1.5	.0	13	.0	6.4
1	.0	1.0	14.4	2,5	.0	36	. 5	17.3
-1	.0	1.0	17.3	1.0	.0	39	1.0	18.3
-ž		2.5	19.8	1.0	.0	47	ŏ	23.3
-3	.0	1.5	6.4	5	.ŏ	17	•0	1.4
-4	.0	4.0	4.3		.0	17	.0	1.4
-5		2.5	1.0	٥	ō	• ;	•0	3.5
-6	.5	1.5		ŏ	.0	4	.0	2.0
-7/-8	.5	1.0	ة:	.0	.0	3		
						•	• 0	1.5
-9/-10	.5	•0	.0	.0	•0	1	•0	.5
TOTAL	3		145		1		6	196
		30		23		202		
PCT	1.5	14.9	71.8	11.4	. 5	100.0	3.0	97.0

PERIOD: (OVER-ALL) 1963-1971

				PC	T FREO	OF WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)		
				N								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.0	•0	•0		.0	•0	.0	•0	•0	.0	.0
1-2	.0	13.6	• 0	.0	•0	•0	13.6		•0	.0	.0	•0	•0	.0	.0
3-4	.0	.0	•0	۰.	.0	•0	•0		•0	.0	.0	4.5	•0	.0	4.5
5-6	•0	.0	•0	.0	.0	•0	•0		•0	.0	.0	.0	• 0	.0	•0
.7.	•0	.0	•0	.0	•0	•0	•0		•0	•0	•0	•0	•0	.0	.0
8-9 10-11	.0	.0	•0	.0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0
12	.0	.0	•0	.0	•0	•0	.0		•0	•0	.0	•0	•0	.0	.0
13-16		.0	•0	:0	.0	.0	.0		•0	.0	.0	.0	•0	.0	.0
17-19	: 3	.ŏ	•0	:0	ő	.0	.0		.0	ŏ	.0	.0	.0		.0
20-22					.0	.0	·ŏ		ŏ	.0			.0	.ŏ	
23-25	.ŏ	.0	•0	.0	.0	.0	.0		. 0	.0			•0	.0	.0
26-32	. 0	.0	.0	.0	.0	.0	•0		. 0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	•0	.0	•0	•0	.0		.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	•0	.0	.0
61-70	•0	.0	•0	.0	.0	.0	•0		•0	•0	.0	.0	•0	.0	.0
71-86	• 0	.0	•0	.0	.0	-0	•0		•0	•0	.0	•0	•0	.0	•0
87+	.0	0	•0	.0	•0	•0	0		•0	•0	•0	.0	•0	•0	•0
TOT PCT	•0	13.6	•0	.0	.0	•0	13.6		•0	•0	•0	4.5	•0	•0	4.5
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.0	•0	•0		9.1	•0	•0	.0	•0	.0	9.1
1-2	• 0	.0	•0	.0	.0	•0	.0		.0	4,5	.0	.0	•0	.0	4.5
3-4	.0	4.5	•0	.0	•0	.0	6.5		4,5	•0	0	.0	•0	.0	4.5
5-6 7	.0	.0	•0	.0	.0	•0	•0		•0	.0	4,5	•0	•0	•0	4.5
8-9	.0	:0	•0	.0	.0	.0	•0		•0	.0	.0	•0	•0	٠٥.	•0
10-11	.ŏ	.0	.0	.0	.0	:0	•0		.0	.0	.0	.0	•0	.0	•0
12	·ŏ	.ŏ	.0	:0	.0	.0	.0		.0	.0	.0	.0	•0	:8	.0
13-16	.0	.ŏ	ŏ	.0	.0		.0		ő	.0	.0	.0	·ŏ		.0
17-19	.0	.0	.0	.0	.0				ō				.0		.0
20-22	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0		•0	ō	•0
23-25	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	• 0	• 0	.0	•0
26-32	.0	.0	.0	.0	.0	•0	.0	)	.0	.0	.0	.0	•0	.0	.0
33-40	.0	.0	•0	.0	.0	.0	•0		.0	.0	.0	.0	•0	.0	•0
41-48	.0	.0	•0	.0	.0	.0	•0		.0	.0	.0	•0	•0	.0	•0
49-60	•0	.0	•0	•0	,0	.0	•0		•0	•0	.0	•0	•0	.0	•0
61-70	.0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	۰.	•0
71-86	.0	•0	•0	.0	.0	•0	•0		•0	•0	.0	•0	•0	٠.	•0
87+	٠.٥	4.5	•0	.0	••	•0	4.5	!	0	.0	0	.0	•0	.0	••
TOT PCT	•0	4.7	•0	.0	.0	•0	4.5	)	13.6	4,5	4,5	•0	•0	.0	22.7

PERIODS	(DVE	R-4LL)	1963-	1971				NO	VEMBER							
				••••				TABLE 1	1 (CONT	•			AREA	0010 5.	\$0UTHW 55 10	ST JAVA SEA
				PC	T FRED	OF WIND	SPEED	(KTS) A	in DIRE	CTION	VERSUS :	SEA HFI	GHTS (FT)			
HGT <1 1-2 3-6 5-6 7	1-3	4-10	11-21 .0 4.5 .0	\$ 22-53 .? .0 .0	34-47 .0 .0 .0	48+ .0 .0	PCT .0 13.6 .0		1-3 .0 •.1 .0	4-10 5.7 .0	.0	3W 22-33 .0 .0	34-47 •0 •0 •0	48+ .0 .0	PCT .0 14.8 .0	
8-9 10- 14 13-15 17-19 20-22	000000	.0	•0	.0	.0	.0	•••••		• • • • • • • • • • • • • • • • • • • •	.00	.0000	•••••	•0	.0000	•0	
23-25 26-32 33-40 41-48 49-60 61-70 71-86			.0 .0 .0 .0	.0	.0	• • • • • • • • • • • • • • • • • • • •	.0		.0	.00000	••••••	••	•0	.00000	•••••	
974 TOT PCT	.: 4.5	.0 .0 4.5	.0 .0 4.5	.0	.0	.0	13.6		• 0 • 1	.0 5.7	.0	••	•0 •0 •0	.0	.0 .0 .0 14.8	
HGT <1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 3-26 41-48 49-6 61-70 71-86 67- TGT FCT		4-10 4.5 3.4 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	11-21	22-33 .00 .00 .00 .00 .00 .00 .00 .00 .00	34-47	48. .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	PCT 4.5 3.4 4.5 .00 .00 .00 .00 .00 .00 .00 .00 .00		1-3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	4-10	11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	22-33 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	34-47 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	48+000000000000000000000000000000000000	T 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL PCT

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<t< td=""><td>21.7</td><td>4.3</td><td>.0</td><td>.0</td><td>•0</td><td>.0</td><td>26.1</td><td>DBS</td></t<>	21.7	4.3	.0	.0	•0	.0	26.1	DBS
1-2	17.4	30.4	4.3	ŏ	ě	.ŏ	52.2	
3-4	4.3	4.3	4.3	4.3			74.4	
3-6	•0	•0	4.3	.0		.0	17.4	
7	.0	•0			•0	.0	4.3	
8-9	.ŏ		•0	• 0	•0	٠,	.0	
10-11		•0	•0	•0	•0	.0	.0	
	•0	•0	•0	•0	.0	.0	.0	
12	.0	٠.	.0	.0	.0	.0	.o	
13-16	•0	•0	. C	•0	•0	.0	ō	
17-19	•0	•0	.0	.0	• 0	.0	ö	
20-22	.0	•0	•0	.0	.0			
23-25	•0	.0	•0		.0		.0	
26-32	•0					.0	.0	
33-40	• 0			•0	•0	.0	.0	
41-48	.0	•0	•0	•0	•0	.0	.0	
49-60		•0	•0	•0	•0	.0	.0	
	•0	•0	•0	.0	.0	.0	.0	
61-70	•0	•0	•0	.0	•0	.0	.0	
71-86	•0	•0	.0	.0	•0	.0	.0	
87+	•0	•0	•0	.0	•0	.0	ö	
TOT PCT	43 6				_			23
TOT POT	43.5	39.1	13.0	4.3	•0	٠.	100.0	-

PERIO	10: (0)	/ER-ALI	.) 194	9-197	1				TABLE	29											
					PERCENT	FRE	QUENCY	DF WAV	E HEI	GHT (F	T) VS	WAVE P	ERIOD	(SECON	120						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	1-1	10-11									49-60	61+70	71-86	87+	TOTAL	MEAN
<6 6-7 8-9	21.7	23.3 5.0	21.7	1.7	1.7 1.0	.0	••	.0	•0	.0	.0	•0	٥.	.0	•0	.0	.0	.0	.0	40	HGT 2
10-11 12-13 >13	•0	•0	.0	.0	.0	.0	·.	.0	•0	.0	0	•0	,0	.0	.0	.0	.0	.00	.0	ĭ	8
INDET TOTAL	20.0	1.7	.0 14	.0	.0 .0 1	.0 .0	•0	,0 9,0	•0	0.	:0	•0	0.	:0	.0	.0	.0	:0	.0	13	0
PCT	41.7	30.0	23.3	1.7	1.7	1.7	•0	٠Õ	٠ŏ	ŏ.	.0	٠.٥	.ă	•0	.0	.0	.0	.0	.0	40 100 - D	2

									nece	MBER								
PER100:	(PRIMARY)								TAB	LE 1				AREA OO		THWES		A SEA
					,	ERCENT	FREQU	ENCY (	F WEATH	FR OC	URRENCE	8Y WI	ND DIR	ECTION				
				,	RECIPI	TATION	TYPE						NTHER	WEATHER	PHENO	MENA		
	WND DIR	RAIN	RAIN SHWR	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN A OB TIM		N PAST	THOR LTNG	FDG WD PCPN	POG WO PCPN Past Hi		BLWG		ND SIG WEA
	N NE SE SW NW VAR CALM	12.1 23.5 .0 16.0 30.0 12.4 5.1 8.2	13.3 15.7 7.1 5.8	2.2	.00000000000	.00	00000000000	00000000000	12.1 23.5 20.0 43.3 30.3 14.1 14.6	1	.0 .0 .0 .0 .0 .0 .0 .0 .0	12.1 .0 12.0 20.0 15.7 9.8 13.5	12.1 11.8 .0 8.0 .0 .0	••••••	.00		0000000000	63.6 64.7 85.7 72.0 50.0 60.7 71.4 74.3
	TOT PCT TOT CBS:	10.1	6.9	1.1	.0	•0	.0	.0	18.1		2.1	12.2	1.6	•0	•0	•	•0	69.1
									TA	ALE 2								
						PE	RCENT	FREQU	ENCY OF	WEATH	ER DCCUR	RENCE	SY HOU	R				
				•	RECIPI	MOITAT	TYPE						OTHER	WEATHER	R PHENC	HENA		
	HOUR (GMT)	RAIN	RAIN	DRZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN A		PN PAST Hour	THOR	FOG WD PCPN	FOG WO PCPN PAST H		BLWG	RAY Dust Snow	
	00603 06609 12615 18621	12.2 10.0 8.7 15.3	9.8 1.7 2.2 11.9	1.7	.0000	.0	.00	.0	74.4 13.3 10.9 27.1		4.9 1.7 .0 1.7	2.4 1.7 23.9 18.6	3.3 .0 1.7	.0	•0 •0	)	.0	70.7 80.0 69.6 57.6
	TOT PCT TOT OBS:	11.7 206	6.3	1.0	.0	•0	•0	•0	18.9		1.9	11.7	1.5	•0	•0	•	•0	69.4
					PERCEN	TAGE !	REQUER	KCY OF		BLE 3	ON BY SA	EED AN	D BY H	ยยห				
	WND DIR	0-3			(KNOT		48+	TOTAL	PCT	#EAN	00	03	06	HOUR 09	(GMT) 12	15	18	21
	N	.5	4.0	,7	.0	•0	•0	085	FREQ 5.2	SPD	.6				10.4	•0	4.4	1.3
	NE E SE S S H H NH VAR	1.0 1.8 1.1 1.5 1.7 2.5	3.2 2.0 3.3 4.6 9.2 19.4 11.3	.2 .0 .7 .7 2,9 8.1	.0 .0 .0 .3	.000007.	0000000		4.4 3.8 5.1 6.7 14.0 32.1 21.2	7.4 3.3 9 8.2 10.0 10.5	3.1 10.6 8.5 10.6 17.7 30.4	0 0 0 0 11.1 41 27.3	4.6 4.2 4.6 3.2 14.1 38.9	3.3 6.6 29.5	5.0 2.0 2.0 4.5 7.4 28.2 34.7	21.4 21.4 28.6 28.6	5.2 2.1 6.3 10.4 17.7 30.7 14.8	2.5 5.1 8.9 9.5 19.6
	CALP TOT CBS TOT PCT	7.4 95	.0 300 57.0	.0 114 21.7	.0 13 2,5	.6	.0	526	7.4 100.0	1.1	100.0	, in	100	6.6	5.9 101 100.0	•9	0. 3.3 96 100.0	7.6
									7/	IALE 3	A							
			¢	ND DIR	0-6		17-2			707 08		T MEA		00	HDUR - 06 09	12 13	18	
			T	N NE SE S N N N N N N N N N N N N N N N N N N N	2.4 3.6 3.2 4.6 6.0 12.9 6.0 7.0 2.0 49.8	2.7 .8 .4 1.6 2.0 7.1 13.8 11.8	3 · · · · · · · · · · · · · · · · · · ·	0 0 3 2 0 2 1 0 0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	5	4, 3, 5, 6, 14, 32, 21,	1 6. 7 6. 1 10. 2 10.	3 9 5 1 2 0 5 0 0	34.1	.0 8.3 169	9.7 4.6 1.9 3.2 5.6 8.8 28.2 2.4 5.6	.0 8.0 175	

DECEMBER

									•				
PERIODI	(PRIMARY) (OVER-ALL)	1909-197 1855-197						TABLE	4			AREA O	010 SÜUTHWEST JAVA SEA 5.45 108.7E
				PER	CENTAGE	FREQU	ENCY OF	WIND :	SPEED BY	' HOUR	(GMT)		
		HOUR	CALH	1-3	4-10		SPEED 22-33			MEAN	PCT FREQ	TOTAL OBS	
		00603 06609 12615 18621 TUT PCT	6.8 8.3 5.6 8.0 39 7.4	12.2 13.5 6.5 9.7 56	63.5 56.2 56.5 55.4 300 57.0	17.6 15.4 29.6 24.6 114 21.7	5.3 1.7	1.	.0	8.1	100.0 100.0 100.0 100.0	74 169 108 175 526	

			Ť	ARLE 5								T	NBLE 6					
•	CT FRE			CLOUD A		EIGHTHS)		;					CEILIN NH <5/					
WND DIR	0-2	3-4	5-7	8 G 085CD	TOTAL PBS	CDVER CDVER	000 149	150 299	300 599	600 999	1000 1999	2000 3490	3500 4999	5000 6499	6500 799 <b>9</b>	8000+	NH <5/8 ANY HGT	
N_	.0	.0	.0			8.0	•0	•0	.0	2.0	•0	•0	.0	.0	•0	.0		
NE E	3.9	2.0	3.9 3.9			7.3 4.1	•0	.0	2.0	3.9	.0	2.0	.0	•0	•0	.0		
ŠE	.0	5.0	2.0			5.0	•0	.0	.0	•0	.0	•0	.0	2.0	.0			
٠.	.0	2.0	.0			6.0	•0	•0	2,0	.0	.0	.0	.0	•0	•0			
SW	2.0	•0	3.9			5.2	•0	• 0	•0	2.0	.0	.0	.0	•0	•0	•0		
¥	3.9	2.9	16.2			6.?	•0	1.5	.0	2.9	3.9	1.0	.0	•0	•0	.0		
WW VAR	2.0	8.6	.0			5.0 .0	•0	•0	ě		•0	1.0	.0	.0		.0		
CALM	.0	3.9	.0			6.ŏ	•0	•0	.0	.0	.0	•0	.0	.0				
TOT OBS	•	îi	iŏ		51	5.7	ĭŏ	ň	ž	7	ž	• 2	ŏ	1	•	ŏ		51
TOT PCT	11.4	21.6	31.4		100.0		•0	2.0	3.9	13.7	3.9	3.9	.0	2.0	40	.0	70.6	100.0

TARLE 7

CUMULATIVE PCT FREQ OF SI-ULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

				VSBY (NH	)			
CEILING	• OR	= DR	→ DR	= f1R	• OR	• OR	• OR	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
# DR >6500	.0	.0	.0	.0	.0	.0	•0	.0
■ DR >5000	.0	.0	•0	1.7	1.9	. 1.9	1.9	1.9
● DR >3500	.0	•0	•0	1.9	1.9	1.9	1.9	1.9
■ OR >2000	5.8	5.8	5.0	7.7	7.7	7.7	7.7	7.7
■ OR >1000	9.6	9.6	9.6	11.5	11.5	11.5	11.5	11.5
■ DR >600	21.2	73.1	23.1	25.0	25.0	25.0	25.0	25.0
■ DR >300	23.1	26.9	26.9	28.6	28.8	28.8	28.8	28.8
# DR >156	23.1	28.8	28.8	30.8	30.8	30.8	30.8	30.8
# DR > 0	23.1	28.8	28.8	30.8	30.8	30.8	30.8	30.8
TOTAL	12	15	15	16	16	16	16	16

TOTAL NUMBER OF OBS: 52 PCT FREG NH <5/8: 69.2

TABLE 7A
PERCENTAGE PREQ OF COW CLOUDS (FIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD DBS 3.2 15.9 15.9 22.2 14.3 7.9 6.3 6.3 7.9 .0 63

3

1,

								DFC	EHBER						
PERIOD:	(PRIMARY) 1 (OVER-ALL) 1							TA	PLE 8				ARE	4 0010	SOUTHWEST JAVA SEA 5.45 108.7E
			P	ERCENT						URRENCE ALUES (				E OF	
	(NF)		ĸ	NE	£	SE	\$	5 6	W	NW	VAR	CALH	PCT	TOTAL	
	€1/2	PCP ND PCP TOT %	.c .c	.5	.0	•0	•0	•0	•0	.0	•0	•0	.5		
	1/2<1	PCP ND PCP TOT %	.0	.0	: ,	.3 .0 .3	.3	•0	.0 .0	•0	•0	•0 •0	.0		
	1<2	PCP ND PCP TOT %	.0	•0	.0	.0 1.1 1.1	.0	•0	.0	•0	•0	•0	.0 1.6 1.6		
	2<5	PCP ND PCP TOT %	.0	.0	.0	.3	.3 .0 .3	•0 •5	.0	•0	.0	•0	.5 .5 1.1		
	5<10	PCP NO PCP TOT %	1.9 2.4	1.9 2.4	.3	2.4 2.7	1.9 1.3 3.2	2.1 3.7 5.9	3.3 11.7 15.0	2.5 8.8 11.3	.0	2.1 2.1	11.2 34.0 45.2		
	10+	PCP NO PCP TOT %	0.5	.5 1.1 1.6	.0 3.5 3.5	.5 1.9 2.4	1.1 3.2 4.3	1.5 3.7 5.2	1.5 17.2 18.6	.8 10.6 11.4	.0	2.1 2.1	5.9 45.2 51.1		

是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们 第一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们是一个一个时间,我们是一个一个时间,我们是一个一个时间,我们是一个一个时间,我们

			,	ERCENT	FREQ	OF WI	NO DIR VALUE	ECTION S OF V	VS WI! ISIBILI	ID SPE	ED		
VSBY (NH)	51.7 KT\$	N	NE	ε	SE	S	SW	d	NW	VAR	CALM	PCT	TOTAL UBS
	<b>0−3</b>	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	. 4	.0	.0	.0	.0	.0	.0	.0		.4	
	11-21	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	22+	٠0	.0	•0	.0	.0	.0	.0	•0	.0		.0	
	TOT %	.0	.4	•0	.0	.0	.0	.0	.0	.0	•0	.4	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	.0	.0	٠0	•0	.0	.0	.0	٠.		.0	
	11-21	.0	.0	•0	.2	•2	.0	.0	.0	.0		.4	
	22+	•0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	•0	.0	•0	.2	.2	.0	•0	.0	.0	•0	.4	
	0-3	.0	.0	•0	.4	.0	.0	.0	.0	.0	.0	. 4	
1<2	4-10	.0	•0	•0	.4	•0	.2	.6	.0	.0		1.3	
	11-21	•0	.0	•0	۰.	•0	.0	.0	.0	.0		.0	
	22+	٠٥.	.0	•0	.0	.0	.0	.0	.0	.0		•0	
	TOT \$	•0	•0	•0	. 8	•0	•2	.6	٠,	.0	•0	1.7	
	0-3	•0	• 0	•0	.0	.0	.0	.0	• 0	.0	.0	.0	
2<5	4-10	•0	•0	•0	•0	•0		.2	1.0	.0		2.1	
	11-21	•0	.0	•0	.2	• 2	.0	.0	.0	.0		.4	
	22+	•0	•0	•0	.0	•0	.0	.0	.0	.0		.0	
	TOT %	•0	•0	•0	.2	•2		.2	1.0	.0	•0	2,5	
	0-3	.0	•0	•0	•0	.0	.0	0	.0	.0	1.7	1.7	
5<10	4-10	1.9	1.9	.2	1.7	2.5	4.4	7.2	3.6	.0		23.3	
	11-21	.0	•0	•0	.4	•0	1.0	4.8	5.0	.0		11.3	
	22+	.•2	0	•0	.0	.0	.0	2	.6	.0			
	TOT %	1.9	1.9	•2	2.1	2.5	5.4	12.2	9.3	•0	1.7	37.1	
	0-3	.0	. • •	. 6	.6	1.3	1.0		.2	•0	4.6	9,6	
10+	4-10	1.6	1.0	2.3	1.0	3.1	4.9	13.4	4.4	.0		35,8	
	11-21	• 4	.4	•0	.0	• 2	1.0	3.3	5.2	.0		11.3	
	22+	0	.•0	.0	0	0	.0	1.1	1	•0		1.3	
	TOT %	2.0	1.9	2.9	2.3	4.6	7.0	18.8	14.0	.0	4.6	57,9	
	OT ORS	3.9	4.2	3.1	5.6	7.5	13.4	31.8	24.3	.0	6.3	100.0	240

								DECEN	SER						
PERIODI	(PRIMARY) 1909 (OVER-ALL) 1855	-1971 -1971						TABLE	10			<b>A</b>	REA 0010	SOUTHWEST 5.45 108.	
				PER	CENT F	REQUEN	CY OF	CFILIA CE OF	G HEIG NH <5/	3HTS (#	EET, NH	>4/81	AND		
	JUR (GHT)	000 149	150 209	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/6 ANV HGT		
	00203	.0	.0	6.7	6.7	.5	6.7	.0	.0	.0	.0	20.0	80.0	15	
	90360	.0	4.5	.0	14.3	9.5	4.8	.0	4.8	.0	.0	30.1	61.9	21	
	12615	.0	.0	7.1	7.1	•0	7.1	.0	.0	.0	•0	21.4	78.6	14	
	18521	.0	.0	.0	10.2	.0	.0	.0	.0	.0	•0	18.2	81.8	11	
	TOT PCT	.0	1.6	3.3	11.5	3.3	4,9	.0	1.6	.0	.0	16 26.2	45 73 • 8		

			Ţź	BLE 1	1						TABLE	12		
		PERCENT	FREQUENCY	/ VSBY	(NH)	BY HOUR		CUMULAT	IVE PCT CEILIN	FREQ G HGT	OF RAN	IGES OF NH >4/6	VSSY (NM)	AND/OR
HDUR (GHT)	<1/2	1/2<1	1 € ?	2<5	5<10	10+	TOTAL CBS	HDUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL OBS
00603	.0	2.2	•0	2.2	45.7	50.0	46	00203	•0	8.3	16.7	0.3	75.0	12
06609	1.4	٠.	2.7	2.7	31.5	61.6	73	90360	•0	5.9	29.4	17.6	52.9	17
12615	•0	.0	1.7	1.7	36.7	60.0	60	12615	.0	8.3	16.7	8.3	75.0	12
18621	•0	.0	1.3	2.5	48.1	48.1	79	18821	.0	.0	18,2	•0	81.8	11
TOT PCT	.4	.4	1.6	2.3	104	147 55.0	256 100.0	TOT PCT	.0	5.8	21.2	9.6	36 69.2	52 100.0

	PERC	ENT F	REOUFN		TAPLE 1 RELATIV	_	DITY B	Y TEPP				PFI	RCENT SS	IFOUSNC	TABLE		ECTION E	V TE40	
TEMP F	0-29	30-1	9 40-4	9 50-5	9 40-69	70-79	80-89	90-10	TOTAL CBS 0	PREQ	N			58	, <b></b> s	SH		NW VAR	CALM
85/89 80/84 75/79 TOTAL	• 6		o .	0 .	0 1.6 0 .0 1 6			3.9 4.7 11	15 96 17 128	11.7 75.0 13.3 100.0	1.2 4.1 1.2	3.9	2.7	6.3 1.2	5.1 2.7	1.6 9.2 1.2	21.3 17	.0 .0	4.7
PCT	•0	•	ο.	o .	8 4.7	28.9	57.0	8.6			6.4	5.9	3.5	7.4	8.6	11.9	29.7 21	.9 .0	4.7
					RLE 15										TABLE	16			
	MEANS, E	XTREM	ES AND	PERCE	NTILES	OF TEM	P (DEG	F) BY	HBUR			PER	ENT FRE	QUENCY	OF REL	ATIVE	HUHIDITY	BY HOUR	l.
HOUR (GMT)	MAX	994	95%	50%	54	1*	MIN I	KEAN '	TOTAL OBS		HOUR (GHT)	0-29	30-59	60-69	70-79	80-8	90-100	MEAN	TOTAL
00603 06609 12615 18621 TOT	88 91 87 85 91	87 90 85 84 98	85 88 85 84 86	81 83 82 81 82	78 79 79 78 78	76 78 77 74 76	77 ( 77 ( 74 (	1.4 13.5 11.8 11.1 12.0	81 166 109 180 536		00803 06809 12815 18821 TOT	•0	••• •• •0 •0 2	9.5 3.1 2.2	28.0 42.9 31.3 13.3	35. 59. 71.	7.3 6.3 13.3	78 02	065 25 42 32 45

DECEMBER

PERIOD: (PRIMARY) 1909-1971 (OVER-ALL) 1955-1971

TABLE 17

AREA 0010 SOUTHWEST JAVA SEA 5.45 108.7E

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	85	89	TOT	H	WD
THP DIF	76	80	84	80	92		FÜG	FOG
9/10	.0	•0	.0	.6	.6	2	•0	1.2
7/8	.0	.0	٠.	. 6	.0	1	.0	. 6
5	.0	.0	.0	. 6	.6	ž	.0	1.2
ă.	.0	.0	. 6	. 0	.0	- 7		.6
i	.0	.0	1.2	. 6	.0	i	.0	1.9
4 3 2 1 0	ŏ	·ŏ	7.4	1.0	.0	15	.0	9.3
7	.ŏ	1.2	5.6	3,1	.ŏ	16	.6	9.3
		1.2		1.0	.0			
Ų	.0					22	• 0	13.6
	.0	1.2	16.7	.6	.0	30	•0	18.5
-2	.0	4.9	9.9	.0	.0	24	•0	14.8
-3	.0	1.9	4.9	. 6	.0	12	.0	7.4
-4	.0	9.3	1.9	.0	.0	10	•0	11.1
-5	.0	4.3	1.9	. 0	.0	10	•0	6.2
-6		3.1		. 0	.0		.0	3.1
					.ŏ	:		
-7/-8	.6	• 0		.0		1	• 0	.6
TOTAL	1		98		2		1	161
		44		17		162		
PCT	.6	27.2	60.5	10.5	1.2	100.0	.6	99.4

PERIOD: (OVER-ALL) 1963-1971

是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是 第一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就

				P	1 5460 0	IS MIND	SPEED	(KIS) MUD DINE	CITON	E # 202 3	EN HEIG	HIS IFT		
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT	1+3	4=10	11-21	NE 22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	.0	.0	.0	5.0
1-2	.0	3.1	•0	.0	.0	.0	3.8	.0	5.0	.0	•0	•0	.0	5.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	. 0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	•0	.0	.0	.0	.0	• 0	.0	5.0	•0	•0	.0	5.0
8-9	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0
10-11	.0	.0	•0	.0	.0	.0	•0	•0	.0	.0	•0	•0	.0	.0
12	• 0	.0	•0	.0	•c	•0	.0	•0	.0	.0	•0	•0	.0	.0
13-16	.0	.0	•0	.0	٠.	•0	•0	.0	•0	.0	•0	•0	.0	.0
17-19	٠.	.0	•0	.0	.0	-0	.0	•0	.0	.0	• • • •	•0	.0	.0
20-22	.0	.0	•0	.0	.0	•0	•0	•0	.0	.0	•0	.0	.0	•0
23-25	.0	.0	•0	.0	.0	•0	•0	•0	.0	.0	•0	•0	.0	.0
76-32	.0	.0	•0	.0	.0	•0	•0	•0	.0	.0	.0	•0	.0	.0
33-40	.0	.0	•0	.0	.0	•0	•0	•0	.0	.0	.0	•0	.0	•0
41-48	• 0	.0	• 0	.0	.0	•0	•0	•0	•0	.0	•0	•0	.0	.0
49-60	.0	.0	•0	.0	.0	•0	•0	•0	•0	.0	•0	•0	.0	•0
61-70	• ?	.0	•0	.0	•0	•0	.0	• 0	•0	•0	•0	•0	.0	.0
71-06	.0	.0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	.0
874 TOT PCT	.0	.0	•0	.0	•0	•0	.0	•0	0	•0	•0	•0	.0	0
101 PC1	•0	3.8	•0	.0	•0	•0	3,8	•0	10.0	5.0	•0	•0	•0	15.0
				E							32			
HGT	1-3	4-10	11-21	22-13	34-47	48+	PCT	1-3	4+10	11-21	22-33	34-47	48+	PCT
<1	• 0	.0	•0	.0	.0	•0	.0	•0	.0	•0	•0	•0	.0	•0
1-2	•0	5.0	•0	.0	.0	•0	5.0	•0	•0	•0	.0	•0	.0	•0
3-4	•0	.0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	٠.٥	•0
5-6 7	•0	.0	•0	٠.	.0	•0	•0	•0	•0	•0	.0	• ^ ^	.0	•0
8-9	.0	.0	•0	.0	. 0 . 0	.0	•0	•0	.0	.0	•0	•0	•0	•0
10-11	:ŏ	.0	•0	.0	.0	.0	.0	•0	٠	.0	.0	•0	•0	•0
12	.0	.0	•0		.0	.0		•0	ö	.0	.0	•0	•0	.0
13-16	.ŏ	.ŏ	•0	.0		.ŏ	.0	ő	ŏ	.0	•0	.0	:0	.0
17-19	٠٥		.0		.ŏ	.0		.0	ŏ	.0		.0	:ŏ	:0
20-22	ŏ		.0		ŏ	.0		.0	,õ			.0	.ŏ	:6
23-25	.0		•0		ě	.,	.0	.0	.0	.0	.0			
26-32		ĕ	.0			·ó		, 0	.0					
33-40	. o	.ŏ	.0	.0	.0			.0	ō			• 6		
41-48	. 0	.0	•0		.0	.0		ň	.0	.0		•0		
49-60	.0	.õ	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	,ŏ	
71-06	.0	.0	•0	.0	.0	.0	.0	•0	.0	.0	•0	.0	.0	.0
87+	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	•0	•0	.0	.0
7DT PCT	٠.	5.0	•0	.0	.0	.0	5.0	•0	•0	.0	.0	•0	.0	.0

								D	ECPHBER				1951	0010		AVA EEA
PERIOD	(DVE	R-ALL }	1963-1	971				TABLE	18 (6047)	1			AREA	5.4	5 108	ST JAVA SEA .7E
				<b>P</b> C	T FRED C	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS LFT	,		
HGT	1-3	4=10	11-21	S 22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1		.0	•0	.0	.0	.0				.0	.0	.0	.0	.0	. 0	
1-2	č	.ŏ	•0	.0	.0	.ŏ			Ď	6.3	ŏ	.0	.0	.0	6.3	
3-4	Ö	5.0	.0	ň	.6	ŏ	5.0		n	.0	5.0	.0	.0	. 0	5.0	
5-6	ŏ	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0		•0	.0	.0	•0	•0	.0	•0	
8-9	.0	.0	.0	.0	.0	.0	.0		•0	•0	.0	.0	•0	•0	•0	
10-11	.0	.0	• 0	•0	.0	.0	.0		.0	•0	.0	.0	•0	•0	.0	
12	.0	.0	•0	.0	.0	.0	•0		•0	.0	•0	•0	•0	•0	•0	
13-16	•0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0	
17-19	.0	.0	•0	.0	•0	.0	•0		•0	•0	.0	•0	•0	.0	•0	
20-22	.0	• 0	•0	.0	•0	•0	•0		•0	.0	••	•0	•0	.0	.0	
23-25 26-32	.0	.0	•0	.0	.0	.0	.0		•0	.0	.0	.0	.0	.0		
33-40	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.ŏ	
41-48	.0	.0	•0	.0	.0	.0	.0		ő	.0	.0		•0	.0	.0	
49-00	.ŏ	.0	.0	.0	ŏ	.0	.0		ž	ŏ	ŏ		.0	.0	.0	
61-70	ŏ		.0		ě	.c			ó	.0	.ŏ		.0	.0	.0	
71-86	ŏ		.ŏ	.0	.0	.0	.0		ō	.0	.0	.0	•0	.0	.0	
87+	.0	.0	•0	.0	.0	.0	.0		.0	• 1	.0	.0	• 0	.0	•0	
TOT PCT	•0	5.0	•0	•0	••	.0	5.0		•0	:,3	5.0	•0	•0	•0	11.3	
				ь								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	0	10.0	.0	.0	•0	•0	10.0		.,	.0	.0	.5	•0	.0	.0	-
1-2	.0	12.5	.0	.0	.c	.0	12.5		.0	7.5	.0	• 0	.0	.0	7.5	
3-4	.0	.0	3.8	.0	.0	.0	3,8	i	.0	.0	1.3	.0	.0	.0	1.3	
5-6	.0	.0	8.8	.0	.0	.0	8.8	1	•0	•0	1.3	.0	•0	.0	1.3	
7	٠.	.0	.0	.0	.0	•0	_ • 0		.0	•0	•0	.0	•0	.0	•0	
8-9	.0	.0	5.0	•0	.0	•0	5.0		• ?	•0		•0	. • 0	.0	•0	
10-11	•0	•0	•0	.0	0.8	-0	8.6		• ¢	•0		•0	1.3	٠,	1.3	
12	.0	.0	•0	.0	•0	.0	•0		•0	•0		•0	•0	•0	•0	
13-16	.0	.0	•0	.0	٠٥.	.0	•0		.0	•0		•0	•0	.0	.0	
17-19 20-22	٠,	.0	•0	.9	.0	.0	•0		٥	.0		.0	.0	.0		
23-25	.0	.0	•0	•0	.0	.0			ŏ	.0			• 0		.0	
26-32		:6	.0	.0	.0	.0			ň	.0			•0	.0		
33-40	.0	.0	.0	.0	.0	.ŏ			.0	.0			.0	.0	.0	
41-48	.0	.0	.0	.0	Ö				ŏ	٠٠			.0	.0	•0	
49-60	.5	.0	.0	.0	š	.0			.0	.0			.0	.0	.0	
61-70	.0	.0	•0	.0	.0	.0			•0	.0			.0	.0	.0	
71-86	.5	.0	.0	.0	.0	.0			• 2	.0	.0	.0		.0	.0	
87+	.c	.0	.0	.0	.0	•0			•0	.0			.0	.0	•0	
TOT PCT	, C	22.5	17.5	.0	8.8	.0	48.8	3	.0	7.5	2.5	.0	1.3	.0	11.3	100.0

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT		
нат	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	.0	15.0	٠.	.0	.0	.0	15.0	•••
1-2		40.C	ě		.0	.0	40.0	
3-4	.0	5.0	10.0	.0	.0	.0	15.0	
5-6	.0		10.0		.0	.0	10.0	
7	.ŏ		5.0	ō	.0	.0	5.0	
<b>1</b> -9	ě	.0	5.c	ŏ	.0	.õ	5.0	
10-11			.č	ŏ	10.0	.ŏ	10.0	
12	.0	.ŏ		ŏ				
13-16	•0	• 0	.с	.0	.0	.0	•0	
17-19	.0	• 3	.0	.0	.0	.0	٠.	
20-22	.0	•0	•c	.0	.0	.0	۰,	
23-25	•¢	.0	.0	.0	.0	.0	.0	
26-32	.0	•0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.c	.0	.0	.0	.0	
49-60	.0	.0	.c	.0	.0	.0	.0	
61-70	.0	.0	.c		.0		.0	
71-86	.0	.0	.0		.0		.0	
67+	.č	ŏ	.č	.0			.0	
•.•	••	••		••	•••	••	•••	20
TOT POT	.0	60.0	30.0	.0	10.0	.0	100.0	20

PERIO	D: (DV	ER-ALL	1 195	0-197	1				TABLE	19											
					PERCENT	FRE	QUENCY I	JF WA'	VE HEIG	GHT (F	T} VS	WAVE P	ERIOD	(SECON	)S )						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23+25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	7.5	27.5	17.5	2.5	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	22	2
6~7 5~9	.0	5.0	2.5	2.5	5.0	5.0	7.5	.0	.0	.0		.0	.0		:0	:0	:0	:8	.0	11	7
10-11	.0	2.5	.0		:ŏ	.0	.ŏ	.ŏ	.ŏ	.ŏ		ŏ			:0	:0	.0	٥٠	.0	i	ž
12-13	.0	.0	.0	.0	.0	.0		.0	.0	.0		•0	•0		•0	.0	.0	:0	.0	0	
>13 INDET	12.5	.0	.0	.0	.0	.0	•0	.0	.0	.0		.0	.0		.0	.0	.0	.0	.0	5	٥
TOTAL		14		.3	ž		.3	.0	٥		Ö	Ö			Ö	ŏ	ō	ŏ	ŏ	40	3
867	20.0	25.0	20.0	7.5	6.0	4.0	7.5	٠Ă	. č	. ŏ	10	٥٠	.0		.0	.0	۰۵	.0	.0	100.0	

									ANNUA	L						
PER100:	(PRIMARY)		-1973 -1973						TABLE	1			AREA OOL		THWEST JAV	A SEA
					,	ERCEN'	FREQU	ENCY C	F WEATHER	DCCURRENCE	84 MI	ND DIR	ECTION			
				•	RECIPI	TATIO	TYPE					OTHER	WEATHER	PHEND	MENA	
	HND DIR	RAIN	RAIN SHWR	DAZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST Hour	THDR LTNG	FOG HO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
	NE SE S W War Var Calm	4.6 5.1 3.0 6.7 6.5 7.3 8.3 .0	3.2 1.2 3.8 5.4 6.0 4.3 2.5	.2 1.3 .4 .2 .4 .8 1.6 1.4			00000000000		8.0 7.7 6.7 10.7 12.3 14.2 14.3 11.2	.7 .3 1.6 .9 .4 2.8 .6 .1	4.8 5.3 4.2 6.3 6.1 12.2 8.0	3.0 5.5 3.6 1.9 2.1 3.7 1.3		4.7 2.5 2.4 .6 1.2 4.0 3.0 3.1		79.6 78.9 81.9 82.4 80.5 72.0 74.1 77.4 .0 87.3
	TOT PCT TOT OBS:	5.1 3078	4.3	.7	.0	•0	•0	•0	10.0	,9	5.9	2.5	•0	2.2	•0	80.0

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TABLE 2
PERCENT FREQUENCY OF WEATHER DECURRENCE BY HOUR

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			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN SHWR	ORZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	FOG VO PCPN	FOG WD PCPN PAST HR	SMOKE MAZE	SPRAY BLHG DUST BLHG SNOW	NO SIG WEA
00003 0609 1215 1821	6.3 4.0 4.1 8.0	4.1 4.0 2.0 6.0	.9 1.1 .2 .5	.0	.0	.0	•0	11.3 9.0 6.2 14.5	1.1 .5 .8	1.9 .3 8.5 11.6	1.4 2.8 1.9 3.7	•0	2.0 3.7 2.1 1.7	.0 .0 .0	83.2 83.8 81.8 71.6
TOT PCT	5.7 3312	4.2	.7	.0	•0	.0	•0	10.6	.9	6.0	2.6	.0	2.4	.0	79.3

TABLE 3
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

									-								
WND DIR	0-3			EC (KN 22-33	BTS) 34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD	00	93	06	HBUR 09	(GMT) 12	15	18	21
NE SE SE SW WWW VALM CALM CBS	1.4 1.5 2.3 2.7 1.6 1.6 2.1 1.5	3.2 5.6 12.6 12.4 5.9 5.0 7.8 6.9	3.7	.4	.0	•••••••	8367	5.1 8.1 19.0 19.4 8.7 7.6 14.0 12.2	6.1 6.0 7.0 6.5 6.8 7.3	2.2 3.5 14.7 28.3 13.7 9.9 14.4 7.9 .0 5.3	7.0 16.2 27.3 10.2 5.2 16.9 14.2 .0	5.0 20.1 24.2 6.7 7.0 14.7 12.1 .0 6.6 1551	14.8 22.0 10.4 2.9 2.9 11.6 19.8 .0 4.8 1099	14.8 21.4 11.2 4.6 5.0 12.3 16.4 .0 5.9	15.5 10.4 12.7 15.5 10.4 .0 2.4 186	7.8 20.7 16.8 9.3 8.9 13.9 10.3 .0 7.8 1470	3.9 15.4 23.7 14.4 11.2 16.5 7.4 .0 5.4 1359
TOT PCT	20.6	59.4	10.7	1.2	.1	•0		100.0		100.5	100.0	100.0	100.0	100.0			

					TAB	LE 3A						
WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNDTS) 28-40	41+	TOTAL DBS	PCT PREQ	MEAN SPD	00 03	MBUI 06 09	12 13 15	18 21
N	3.3	1.6	•1	.0	.0		5.1	6.1	2.4 3.9	9.0	8.0 14.0	3.3 5.9
NE E	1.5	10.1	.1	•	.0		19.0	7.0	14.8	20.8	21.3	18.1
g Se S	8.6 5.0	9. <b>6</b> 3.5	1.0	•0	.0		19.4	7.0 6.5	28,2 13,4	18.7	11.6	20.1
5 W W	5.9	3.0 6.5	1.4	• 2	.0		7.6	6. <b>8</b> 7.5	14.5	5.3 13.4	5.8 12.8	10.0
NH Var	5.1	5.7	1.4	•1	.0		12.2	7.3	8,6	15.3	15.8	8.9
CALM TOT ORS	5.9	••	••	••	•••	8367	5,9	7:0	1296	5.6 2650	5.5 1592	2829
TOT PCT	50.7	43.7	5.3	.3	•		100.0	=	100.0	100.0	100.0	100.0

ANNUAL

PERIOD: (PRIMARY) 1905-1973 (OVER-ALL) 1855-1973

TARLE 4

AREA 0010 SQUTHWEST JAVA SEA 5.55 108.7E

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

ндик	CALM	1-3	4-10		SPEED (		48+	MEAN	PCT FREQ	TOTAL OBS
60300	4.8	14.2	59.0	21.1	.9	.2	.0	7.6	100.0	1296
06409	5.8	15.2	57.7	19.8	1.4	.1	.0	7.6	100.0	2650
12615	5.5	14.3	61.7	17.2	1.1	.1	.0	7.2	100.0	1592
18621	6.7	14.7	59.8	17.6	1.1	•	.0	7.2	100.0	2829 8367
PCT	5.9	14.7	59.4	18.7	1.2	.1	.0		100.0	

TARLE 4

TABLE 6

	CT FRE			CLOUD A		(EIGHTHS)		1					CEILIN NH <5/					
MND DI4	0-2	3-4	5-7	6 E	TOTAL CBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4909	5000 6499	6500 7999	8000+	NH <5/8 ANY HGT	
N	.7	. 8	1.0	1.2		4.6	•0	• •	.0	.6	.3	-1	.0	•0	•0	.0	2.7	
ΝE	1.7	1.0	2.0	1.3		4.2	• 1	. 0	. 1	.7	.3	. 3	.1	•0	.0	.0	4.3	
E	6.6	7.7	6.3	1.6		3.7	.0	. 0	. 3	.5	1.7	. 8	.4	•0	.0	.1	18.3	
ŠĒ	6.2	8.4	6.7	1.7		3.6	• 0	. 0		. 8	1.2	. 5	. 2	• 2	•0		19.8	
Š	1.3	1.9	1.6	.7		4.5	•0		. 2	. 0		.2	.0	.0	•1	.0	4.2	
Š'n	1.2		2.3	1.7		4.5	• 0	.0	ii	1.0	. 8	.3	.0	•0	•0		3.6	
3"	1.1	2.3	5.8	5.5		5.0			. 2	1.9	2.2	1.2	٠.	•0	•0	.2	8.6	
NH						5.5		• 1		.,,			• 1				8.3	
	1.2	2.3	5.6			217	• 0	•	• 1		1.3	1.6	.3	• 1	•0	• 0		
VAR	.0	•0	•0	•0		• 0	•0	•0	•0	.0	•0	•0	.0	•0	•0	.0	•0	
CALM	1.6	1.3	2.8	.7		3.9	•0	•0	.0	.5	.5	.3	.2	•0	•0	•0	4.9	
TOT DES					833													833
TOT PCT	21.6	26.5	34.1	17.8	100.0	-	•1	. ?	1.2	7.0	9.3	5.3	1.4	.3	• 1	. 5	74.7	100.0

TARLE 7

P.444111 4 7 7 14 P	ACT EDEA	00	SIMULTANEOUS	SECHBRENCE
COMOCALIAS	PUI FAED	U.F	21mor I wwench	BLCOKKENCE
DE CETITA	AC METCHT	# 61 l	- SAJEL AND U	ERU / NHI

				VSBY (NH	,			
CEILING	• OR	- DR	- OR	= 08	• DR	• CR	<ul><li>OR</li></ul>	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	.7	•7	.7	.7	.7	.7	.7	.7
<ul> <li>OR &gt;5000</li> </ul>	. 8			1.0	1.0	1.0	1.0	1.0
• ER >3500	2.3	2.5	2.5	2.6	2.6	2.6	2.6	2,6
■ DR >2000	6.6	7.5	7.8	7.9	7.9	7.9	7.9	7.9
■ DR >1900	13.5	15.9	16.9	17.0	17.0	17.0	17.0	17.0
■ TR >600	10.5	22.3	23.7	23.9	23.9	23.9	23.9	23.9
■ 7R >300	19.1	23.2	24.7	24.9	24.9	25.1	25.1	25.1
■ DR >150	19.1	23.3	24.9	25.0	25.0	25.3	25.3	25.3
. DR > C	19.1	23.3	25.0	25.2	25.2	25.4	25.4	25.4

TOTAL NUMBER OF OBS1 853

PCT FREQ NH <5/81 74.6

TABLE 74

PERCENTAGE PREQ OF LOW CLOUDS (EIGHTHS)

4 9 6 7 8 DBSCD DBS 2 3 M.9 16.1 20.9 17.0 12.0 7.1 4.8 5.9 7.2 .0 982

ANNUAL

PERIOD: (PRIMARY) 1905-1973		AREA 0010 SOUTHWEST JAVA SEA
(OVER-ALL) 1855-1473	TABLE 8	5.55 108.7E

		P	FRCENT	FREQ	OF WIN	D DIRE	CTION Th Var	VS DCC	URRENC	E OR N	ON-OC	CURRENC TY	€ OF
VSBY (NM;		•	NE	E	SE	5	Sw	w	Nu	VAR	CALM	PCT	TOTAL
	PCP	•	.0	•	.0	.0	*0	.1	• 1	.0	.0	. 2	
<1/2	NO PCP	.0	•	.0	•0	•0	• 0	.0	٠,٥	.0	.0	•	
	TOT %	•	•	•	•0	•0	•0	.1	•1	.0	•0	.3	
	PCP	.0	.0	.0	•	•		•		.0	.0	.1	
1/2<1	NO PCP	.0		.1	.1	•	•	. 1	•	.0	•0	.4	
	TOT \$	•0		.1	.1	• 1	٠	. 1	•1	•0	•0	.5	
	PCP	.0	.0	.1	•0	.0	•	. 1		.0	.0	. 3	
1<2	NO PCP	.1	. 2	.4	. 2	• 1	.?	. 2	• 2	.0	. 1	1.8	
	TOT &	.1	. 2	.5	• 2	• 1	.3	.4	• 2	•0	• 1	2.1	
	PCP	. 1	•	.1	.1	• 1	.1	. 3	•2	.0	.0	, 9	
2<5	NO PCP	•	.1	ڏ ،	. 3	• 1	• 1	.3	. 2	.0	. 1	1.5	
	TOT %	.1	. 2	.4	.4	• 2	• 2	. 5	.4	.0	.1	2.4	
	PCP		.2	.5	1.1	.7	. 8	1.4	1.2	.0	.2	6.5	
5<10	NO PCP	2.7	3.2	6.0	6.8	2.8	2.9	5.0	4.7	.0	1.4	35.4	
	TOT \$	3.1	3.4	6,5	7.9	3.5	3.7	6.4	5.9	.0	1.6	42.0	
	PCP	. 1	.2	.1	.3	•2	. 3	.6	•2	.0	.0	2.0	
10+	NO PCP	2.7	4.1	11.3	10.6	3.8	2.*	6.8	6.7	.0	2.0	50.7	
	TOT \$	2.0	4.3	:1.4	10.8	4.0	3.1	7.4	6.9	•0	2.0	52.7	
	TOT OBS												3079
	TOT PCT	6.1	1.2	19.0	19.4	7.9	7.3	14.8	13.6	.0	3.8	100.0	

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY

										• • •			
VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	w	NW	VAR	CALM	PCT	TOTAL Des
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10				.1	.0	.0	•	. 1	.0		. 3	
	11-21		.0	.0	.0	.0	.0			.0		.1	
	22+	.0	.0		.0	.0	.0	.0	.0	.0			
	TOT %	•	•	.1	.1	•0	.0	-1	.1	.0	.0	.4	
	U-3	.0		.0	•		.0	.0	.0	.0	.0	•	
1/2<1	4-10	.0	•	.1	. 1	.0				.0		.3	
	11-21	.0	•0		•:	•	•	.1		.0		.2	
	22+	.0	٠.	.0	.0	.0	.0	•0	.0	.0		.0	
	TOT \$	.0	•1	.1	.1	. 1	•	-1	-1	۰.	-0	.5	
	0-3	.0		.0		.0	•	•	.0	.0	-1	.2	
1<2	4-10	. 1	-1	. 3	. 1	.1	-1	.1	.1	.0		1.1	
	11-21	•	•	• 1			•1	.2	. 1	.0		. 4	
	22+	٠.	•0	.0	.0	.0	.0	•		.0		• 1	
	TOT %	•1	• 2	. 3	• 1	• 1	.2	.4	. 2	.0	•1	4.7	
	0-3				.2	.1				.0	-1	.5	
2<5	4-10		• 1	.3	.3	• 1	.2	. 2	.3	.0		1.6	
	11-21	•	•	•1		• 1		.2	- 1	.0		.5	
	22+	.0	•0	.0	•0	.0	.0	.0	• 1	.0		. 1	
	TOT \$	-1	•1	• •	.5	• 2	.2	.5	. 5	٥.	•1	2,6	
	0-3	.7	.2	.3	.7	.4	.4	.6	.6	.0	1.3	5.2	
5<10		1.5	1.9	3.0	4.1	1.9	2.1	3.0	2.7	٠.		20.2	
	11-21	. 2	. 3	1.5	1.2	• •	.4	1.5	1.3	۰,		6,8	
	22+		•	•	.0	.0	•	- 1	. 2	٠,٥		.4	
	TOT %	2.4	2.6	4,9	•.0	2.7	2.9	5.2	4.7	•0	1.3	32.6	
	0-3		1.1	1.2	1.2		1.0		1.1	.0	3.7	11.8	
10+	4-10	1.9	3.5	9.4	8.0	3.4	2.5	4.9	4.6	.0		38.2	
	11-21	. 2	.7	2.8	3.0	.5	.4	2.1	2.1	.0		11.7	
	22+	.0	.0		.1	•0	.0	. 2	.1	.0		.5	
	TOT %	2.9	5.3	13.5	12.2	4.8	3.9	8.0	7.9	.0	3.7	62.1	
	TOT DAS												4169
	THE PCT	5.6	8.2	19.3	19.0	7.8	7.2	14.3	13.5	.0	5.1	100.0	

PERIOD: (PRIMARY) 1905-1973 (OVER-ALL) 1855-1973

TARLE 10

AREA 0010 SOUTHWEST JAVA SEA 5.55 108.7E

# PERCENT FREQUENCY OF CFICING HEIGHTS (FEET,NH >4/8) AND DCCURRENCE OF NM <5/8 BY MOUR

HOUR (GHT)	000 149	190 299	300 599	600 999	1000 1 <b>9</b> 99	2000 3499	1500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00603	.0	.0	.9	7.8	8.3	4,3	.3	.0	.5	•0	22.2	77.8	228
90360	.0	.4	2.3	6.4	8.5	6.0	2.4	.8	.0	•0	26.8	73.2	257
12615	.0	.0	1.0	3.9	6.4	6.4	1.7	.0	.0	.4	19.9	80-1	245
18621	.4	.0	.0	6.4	9.4	2.0	1.1	.0	.0	1.7	21.0	79.0	219
TOT PCT	.1	.1	1.1	6.1	8.2	4.8	1.5	.2	.1	.5	22.7	77.3	949 100.0

TABLE 11

TABLE 12

		PERCENT	FREQUENCY	/ V\$8Y	(NM)	BY HOUR		CUMULAT					VSBY (NM)	
HOUR (GHT)	<1/2	1/2<1	1 < ?	2<5	5<10	10+	TOTAL OBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+		TOTAL OBS
20603	.9	.7	1.9	3.1	33.0	60.5	769	00203	•0	1.1	12.0	13.5	74.5	207
90360	. 5	. 7	2.4	2.1	30.3	64.0	1212	90380	•0	3.0	13.4	19.5	67.1	220
12615	. 2	.5	1.7	3.3	29.1	65.1	965	12615	•0	1.2	6.6	14.6	78.6	225
18621	• 1	.2	1.6	2.4	41.6	54.1	1457	18621	.5	.5	7.7	15.7	76.6	201
TOT PCT	.4	.5	1.9	2.6	34.3	60.3	4403 100.0	TOT PCT	•1	1.5	9.9	15.9	74.2	653 100+0

TARLE 13

TABLE 14

	PERC	ENT FR	EOUENC	Y OF RE	LATIV	E HUMI	DITY B	Y TEMP	TOTAL	PCT		PERC	ENT FR	EQUENC	Y DF W	14D D1	RECTIO	N BY T	Eub	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	60-89	90-100		FREQ	N	٩E	E	SE	5	*4	w	NW	VAR	CALM
95/99	.0	.0	•0	•0	•	.0	.0	.0			.0	.0		•	.0	.0	.0	.0	.0	.0
90/94	.0	.0	.0	• 2	.2	. 1	.0	•		.6	•			-1	.0		- 1		.0	
85/89	.0	.0	.0	• 1	2.3	5.2	2.4	.4		10.4	1.1	1.1	2.6	1.3	. š	. 6	1.1	1.6	.0	. 5
80/84	.0	.0	.0	.3	3.0	27.3	38.2	7.6		77.2	4.9	6.1	14.6	15.2	5.5	5.4	10.0	11.4	.0	3.3
75/79	.0	.0	.0	•	.1	1.9	5.6	4.0		11.6	. 6		1.1	2.4	1.5	1.3	2.7	1.3	.0	4
70/74	.0	.0	.0	•0	.0		.0	. 2		.2	.0	.0	0	.0	1.1	•	• • • •		.0	
TOTAL	-	•			-		-		2153	100.0	**	•••	••	• • •	•••	-	••	-	• • •	
PCT	.0	.0	.0	.7	6.4	34.5	46.2	12.2			6.6	7.6	18.6	19.0	7.5	7.4	14.7	14.5	.0	6.2

TABLE 15

	MEANS,	EXTREM	ES AND	PERCEN	ITTLES I	D# TEH	IP (DE	G F) 8	Y HOUR		PERC	ENT FRE	ONENCA	OF RELA	TIVE H	YTIGIPU	84 4001	t
HOUR (GHT)	MAX	99%	95%	50%	5%	13	HIN	MEAN	TOTAL OBS	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00803 90360	94 95	57 90	85 88	82	78 80	76 77	73 74	81.5	1292 2539	E0300	.0	1.3	2.1 16.0	32.2	49.5 35.3	15.6	82 78	410 639
12615	91 89	85	85 84	82	79 78	77 76	71 72	82.1 81.0	1590	12615 18621	.0	.2	4.8	38.7	45.0	11.3	61 63	496 823
TOT	95	**	86	82	78	76	71	82.0	8313	TOT	ő	15	148	705	1094	316	61	2358

ANNUAL

PERIOD: (PRIMARY) 1905-1973 (OVER-ALL) 1855-1973

TABLE 17

AREA 0010 SOUTHWEST JAVA SFA 5.58 108.78

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PCT FRPG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	73 76	77 80	81 84	85 88	89 92	>92	TOT	FOG	WD FDG
9/10	.0	•0	.0	•1	.1	.0	. 5	.0	•3
7/8	.0	•0	.2	.1	. 3	•1	18	.0	•?
6	•0	•0	•0		- 1	•0	3	.0	• 1
5	.0	• 1	.1	. 5	. 4	.0	26	.0	1.1
3	٠0	• 1	.9	.7	- 1	•0	47	•1	1.7
3	.0	•	. 9	1.4		.0	61	•1	2.3
2	.0	• 1	5.1	2.2	.1	•0	168	.2	7.3
1	.0	.7	6.8	1.9		.0	242	.6	
1		2.0	17.9	2.0	.1	.0	563	.7	21.2
-1	.0	2.3	12.7	. 8	.0	.0	405	.4	15.4
-ž	•1	4.4	14.1	. 3	.0	.0	485	. 2	18.6
-3	.1	2.5	4.2	.2	.0	.0	174	. 2	6.7
-4	.1	3.9	3.4	. 1	.0	.0	189	•1	7.3
-5	.3	2.0	. 9	.0	.0	.0	84		3.2
-6	.;	1.0	. 2	ŏ	.0	ŏ	36	.0	1.5
-7/-8	.3	.4	.1	ŏ	.0	.0	21	.0	. 0
-9/-10	.2	.0		ŏ	.0	.0	4	.0	.2
-11/-13	.6	•	.ŏ	ŏ	.0	ŏ	ĩ	ij	
TOTAL	••	•	••	••	•••	••	2554	••	•
PCT	1.4	19.4	67.5	10.3	1.4	.1	100.0	2.7	97.3

PERIOD: (OVER-ALL) 1963-1973

				PC	T FREG D	F WIND	SPEED	(XTS)	AND DI	RECT	ION V	ERSUS S	EA HEIG	HTS (FT)		
				N						_			NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-		4-10	11-21	22-33	34-47	48+	PCT
<1	. 3	3	•0	.0	.0	•0	. • •		•		1.2	•0	.0	•0	•0	1.3
1-2	•0	1.6	• ?	•0	.0	.0	1.8		•		* . 7	. 5	.0	•0	•0	2.3 1.2
3-4	.0	.4	• 3	•0	.0	.0	•7		•			• 1	• •	•0		
5-6	.0	.0	•0	•0	.0	.0	•0		•		•0	.3	.0	•0	•0	• 3
7_	.0	.0	•?	.0	.0	•0	• 2		•		•0	• •	.0	•0	٠0	• •
8-9	.0	.0	•0	.2	.0	•0	•2			0	.0	.0	.0	•0	.0	.0
10-11	.0	.0	•0	•0	.0	•0	•0			0	.0	.0	•0	•0	.0	•0
12	.0	.0	•0	•0	.0	•0	•0			2	.0	.0	.0	•0	.0	•0
13-16	•0	٠.	•0	•0	•0	• •	•0			0		•0	.0	•0		
17-19	.0	.0	• 0	•0	.0	.0	•0			0	.0	•0	•0	•0	.0	.0
20-55	٠.0	.0	•0	•0	.0	•0	•0			0	.0	•0	.0	•0	:0	.0
23-25	.0	.0	•0	•0	••	• • • •	•0			0	.0	•0	.0	.0	:0	.0
26-32	•0	.0	•0	.0	.0	•0	•0			0	•0	•0	.0	.0	.0	.0
33-40	•0	.0	•0	•0	••	•0				0	.0	•0	.0	.0	:0	.0
41-48	.0	.0	•0	•0	.0	.0	•0			ö	.0	•0	.0	•0	.0	ċ
49-60	• 9	•0	•0	•0	.0	.0	•0			ŏ	.0	.0	:0	•0	.0	.0
61-70 71-86	.0	٠,	•0	•0	.0	:0	.0			Ö	ě		:0		:ŏ	.0
	•0	.0	•0	•0		.0	.0			ŏ	.0	• 0	.0	.0		.0
87+ TOT PCT	.0	2.3	•0	.0	.0	.0	3.5			2	3.7	.0 1.3		.0	.0	5.5
TOI PCI		4.3	• ′	• • •	.0	••	3.5		•	•		1.5	••	•••	••	,,,
				£									SE	34-47	48+	
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-		4-10	11-21	22-33			PCT
<1	. 2	1.1	.0	•0	.0	•0	1.4		1.		1.3	.0	•0	•0	•0	2.4
1-2	. 5	7.3	1.6	•0	.0	•0	9.4				7.7	2.1	.0	•0	•0	10.5
3-4	•0	1.9	4.9	. 2	.0	.0	7.0			4	2.4	6.3	.3	• 5	•0	9.3
5-6	.0	. 5	1.7	.0	.0	.0	2.2			0	• 5	2.5	.0	•0	•0	3.0
7 8-9	.0	•0	•6	.3	•0	•0	.9			0	•0	. 5	.2	•0	.0	.7 .5
	•0	٠.	•0	.3	.0	.0	.0			0		.5	.0	•0		.0
10-11	.c	.0	•0			.0	•0			ő		•0	:0	•0		.0
12	• 0	.0		.0	•0	.0	.0			ő	.ŏ	•0	.0	.0	:0	.0
13-16	٠,	.0	•0	.0	.0	.0	•			ŏ	.0	:0		ŏ		.0
17-19 20-22	.0		•0	.0	ĕ	.0				ō	ŏ	.0	.0	.0	.0	ě
23-25	•0	.0		.0	٥					ŏ	ě	.0		.0	.5	.0
	•0		•0	.0		.0				ŏ	ŏ	:0	.0	.0		.0
26-32	•0	:6	•0	.0	:0	.0				ŏ	.0	.0	:0	•0		.0
33-40	.0	.0			.0	.0				0	ŏ	.0			.0	.0
41-48	•0		•0	• • •	.0	.0	.0			ò	.0	.0		.0	.0	•0
49-60 61-70	.0	.0	•0	.0	:0		:0			ŏ	.0	:0	:0		:0	.0
71-86		:0	•0	.0	.0	.0	:			0	۰٥	.0	:0			.0
87+	.0	.0	•0	.0	٥٠	.0				ŏ	.0	.0		•0		.0
TOT PCT		10.8	8.8	.7	.0		21.1	•	2	ž	11.9	11.8	.5	.0		26.5
101 -61			0 6 5	• /		••			41		,	••••	.,			

PERIOD	: (DVE	R-4113	1963-1	973					ANNUAL				1001		•	
								TABLE	18 (CONT)				AREA		3007HWE 55 106	ST JAVA SEA
				•	T FREO	OF WIND	SPEED	(KTS)	AND DIREC	TION	VERSUS S	EA HEIG	HTS (T)		_	
				s								SW				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10		22-33	34-47	48+	PCT	
<1 1-2	.4	.5 1.7	•0	.0	.0	•0	. 9		. • ?	.2		•0	•0	.0	.,	
3-4	:7	1.6	.8	•0	.0	.0	2.9		1.1	2,3		.0	•0	.0	3.8	
5-6	ŏ		.2	.0	.0	:0	1.0		•5	. 4		•0	•0	.0	1.3	
7	.ŏ	.6	.2	.0	.ŏ		:2		•0	.0		.2	•0	.0	• •	
8-9	.0	.0	.0		:ŏ	.0	.6		.0	.0	•0	.0	•0	.0	.2	
10-11	.0	.0	.0	.0			.0		ŏ	.0		.0	•0	:0	.0	
12	.0	.0	.0	.0	.0	•0	ŏ		ŏ	.0			• 5	.3	.0	
13-16	.0	.0	.0	.0	.0	.0	.0		ŏ		ě	.ŏ	ŏ	.0	.0	
17-19	•0	.0	•0	.0	.0	•0	•0		i	.0			.0	:ŏ	.6	
20-22	.0	.0	•0	.0	•0	.0	.0		.0	.0			.0			
23-25	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0		.0	.ŏ	.0	
26-32	•0	.0	.0	.0	.0	•0	•0		•0	.0	.0	•0	•0	.0	.0	
33-40	.0	.0	•0	•0	.0	.0	.0		•0	•0	.0	•0	.0	.0	.0	
41-48	•0	.0	•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	.0	.0	
61-70	.0	.0	•0	•0	•0	•0	.0		•0	.0		•0	•0	.0	.0	
71-46	.0	.0	•0	•0	•0	•0	• 5		•0	•0	.0	•0	•0	.0	.0	
47+		.0	•0	•0	•0	•0	•0		•0	•0	.0	.0	•0	.0	.0	
TOT PCT		3.2	.0 1.3	•0	•0	•0	.0		. • 0	0	.0	•0	•0	.0	.0	
	••	3.2	***	•0	•0	•0	5.3		1.9	3.1	1.3	•2	•0	•0	6.5	
				W								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	• 0	2.0	•0	0	.0	.0	2.0		.0	.6	.0	.0	•0	.0	. 6	• •
1-2	.6	4.1	. • 5	•0	.0	•0	5.3		.3	2.9	1.3	•0	•0	.0	4.5	
3-4 5-6	•0		1.7	•0	.0	•0	2.5		•0	1.9		•0	.0	.0	4.2	
7	.0	.0	1.5	• •	.0	•0	1.9		•0	. 2	1.1	.4	•0	.0	1.7	
8-9	.0	.0	:4	•0	••	•0	•?		•0	•0	• 2	•2	•0	.0	. 3	
10-11		.ŏ	• • • • • • • • • • • • • • • • • • • •	:0	:9	•0	•5		•0	•0	.3	.5	•0	•0	. 9	
12			•0	.0	. 6	•0	:6		•0	•0	•0	.0	•1	.0	•1	
13-16	.0	.0	.0	.0	.0	.0	.0		•0 •0	•0	•0	.2	•0	.0	. 2	
17-19	.0	.0	.0	.0	.0	.0	.0		•0	.0	•0	•0	•0	.0	•0	
20-22	.0	.0	.0	.0	.0	.0	.0		•0	.0	•0	•0	•0	•0	•0	
23-23	.0	.0	•0	.0	.0	.0	.0		ŏ	.0	.0	.0	•0	.0	•0	
26-32	.0	.0	•0	.0	.0	.0			ŏ	.0	.0	.0	•0	.0	•0	
33-40	.0	.0	•0	.0	.0		.0		ŏ	.0	.0	.0	•0	.0	•0	
41-48	•0	.0	•0	•0	.0	•0	.0		•0		•0	.0	•0	:0	•0	
49-60	•0	.0	•0	•0	.0	•0	•0		.0	ŏ	.0	.0		.0	.0	
61-70	•0	.0	•0	.0	.0	٠٥	•0		.0	.0	.0	.0	٠٥	.0		
71-86	• 0	•0	•0	•0	.0	• 0	• 0		ò	.0		.0	.0	ŏ		
87+	.0	.0	9.0	•0	•0	•0	.0		.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.6	6.9	4.9	.5	.7	•0	13.7		, 3	5,5	5.2	1.2	•1	.0	12.3	94.4

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	8.9	7.3	.0	.0	.0	.0	16.2	DBS
1-2	4.0	29.0	7.4	ŏ	.0	.ŏ	40.3	
3-4	. 6	9.5	16.1	ě		.ŏ		
5-6	.0	1.2	7.4	é			9.5	
7	.0	2	2.8		.ŏ			
8-9	·ŏ					.0	3.6	
		•0	1.3	1.1	•0	.0	2.3	
10-11	.0	•0	.0	.0	. 8	.0	. 8	
15	.0	.0	•0	.2	.0	.0	.2	
13-16	.0	•0	.0	.0	.0	.0	.0	
17-19	.0	•0	.0	.0	.0	.0	iò	
20-22	.0	•0	.0	.0	.0	.0	,ŏ	
23-25	.0	.0	. 0	Ö	.0		Ĭ	
26-32	.0	•0		ŏ	.0		ŏ	
33-40	.0							
41-48	.8	.0					.0	
49-60			.0	.0	•0	.0	.0	
	•0	•0	.0	•0	•0	.0	.0	
61-70	•0	•0	•0	.0	.0	.0	.0	
71-86	.0	•0	.0	•0	.0	.0	.0	
87+	•0	•0	.0	.0	.0	.0	Ö	
				•			••	407
TOT PET	13.5	47.1	34.9	3.4		.0	100.0	~~,

PERIOD: (DVER-ALL) 1950-1972 PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) 10.7 .0 .0 .0 .0 TOTAL MEAN HGT 492 2 108 4 19 5 3 4 3 28.8 2.5 .1 .5 .0 .0 18.6 5.2 1.1 .1 .5 .0 4.8 3.8 .0 .0 .0 2.0 1.7 .6 .0 492 108 19 5 4 20 106 734 100.0 1.1 1.5 .3 .1 .0 .07.00.00 .0 .000000 ..... .0000000 0000000 .0 .000000 .00.00 .0000000 .000000 ..... 000000 4.7

(PRIMARY) 190 (OVER-ALL) 185					TABL	F 20					REA OO	5.5s	108.
		PERCE	NT FRE	QUENCY	OF 00	CURREN	CE OF	SEA TE	MP (DE	G F) 8	Y HON7	ı	
SEA T DEG	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEČ	ANN	PCT
96+	•0	•0	•0	.0	•0	.0	•0	.0	•0	•0	•0	0	.0
95/9	•0	•0	• 0	.0	•0	•0	•0	•0	•0	•0	•0	0	•0
93/9	.0	•0	•0	• 0	•0	•0	•0	•0	• 0	.0	•0	0	•0
91/9	•0	•0	•0	•0	•0	• ?	•0	•0	•0	.0	•0	. 0	•0
89/9	. 2	.3	.0	. 9	. 3	• 0	•0	•0	• 9	•0	• 2	17	• 2
87/8		3.0	3.3	3.8	2.6	.7	. 1	.4	1.1	2.7	2.9	132	1.0
85/0	9,1	17.3	26.9	27.4	13.6	2.9	2.6	3.5	12.9	22.0	17.6	997	13.3
83/8	30.9	38.6	45.9	44.6	44.3	33.7	16.4	27.8	43.2	49.0	41.3	2746	36.6
81/8	46.1	33.6	21.7	21.0	32.9	52.0	58.5	53.5	35.0	23.1	32.0	2921	39.0
79/8	10.7	6.8	1.7	1.9	5.0	8,5	19.7	12.9	5.9	3.2	5.2	: 87	7.8
77/1	2.1	.5	.3	•2	.5	2.2	1.7	1.6	+2	.0	,6	72	1.0
75/7	.2	•0	. 2	.2	• 2	•0	• •	.3	• 9	.0	.5	1.	٠ż
73/7	.0	• 0	•0	.0	• 7	•0	.4	•0	•0	•0	•0		• 1
71/7	.0	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0	0	.0
69/7	.0	•0	•0	٠,0	.0	.0	•0	•0	•0	.0	•0	0	•0
67/6	.0	•0	•0	.0	•0	•0	•0	•0	•0	.0	•0	0	•0
65/6	.0	.0	•0	.0	•0	.0	•0	•0	•0	.0	•0	0	•0
63/6	•0	•0	•0	.0	•0	•0	•0	•0	40	•0	•0	0	•0
61/6	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	0	•0
59/6	.0	.0	•0	.0	•0	•0	.0	•0	•0	•0	•0	ŏ	•0
57/5	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0	•0	ŏ	•0
55/5	•0	•0	•0	•0	•0	•0		.0	•0	•0	•0	ŏ	•0
53/5 51/5	.0	•0	•0	•0	•0	•0	.0	•0	•0	.0	.0	ö	•0
49/5		•0	•0	•0	•0	•0	.0	•0	•0	.0	.0	ŏ	.0
47/4	.0	•0	•0	• 0	•0	•0	.0	•0	•0	.0	.0	ŏ	.0
45/4	.0	•0	•0	•0	•0	•0	.0	•0	•0	.0	.0	ŏ	•0
43/4	.0	.0	.0	:0	.0	ő		•0	•0	.0		ŏ	.0
41/4		.0	•0	.0	•0	.0	.0	•0	•0	.0		ŏ	:0
39/4	.0	•0	•0	.0	.0	.0	·č	•0	•0	.ŏ	.0	ŏ	.0
37/3		.0	.0	.ŏ	•0	.0	.0	.0	.0			ŏ	ĕ
35/3	.0	.ŏ	.0	.ŏ	.0	ŏ	.0	.0	•0	ŏ	.0	ŏ	.0
33/3		.0	• • •	ŏ	•0	ě	.0	.0	•0	٥٠		ŏ	:0
31/3		•0	.0	.0	.0	ŏ	.0	•0	.0	.0	.0	ō	
29/3	.0	.0	.0		•0	.0	.0	.0	.0		.0	ŏ	
27/2		•0	.0	.0	•0	.0	.0		.0	ě	.0	ŏ	
<b>427</b>	.0	.0	.0	.0		.0	ö	.0	•0	.0		ŏ	
TOTA	657	643	636	634	605	721	689	706	560	563	484		100.0
MEA	82.3	82.9	83.6	83.7	82.9	82.1	81.4	81.9	12.8	83.5	83.1	82.7	

TABLE 21

					PR	ESSURE	( 48 )				
				AV	ERAGE	BY HOU	R (GMT	,			
	0	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	TOTAL
34	ı	1010	1009	1009	1008	1009	1010	1010	1009	1009	284
FE	A	1010	1009	1009	1008	1009	1009	1010	1009	1009	323
M		1010	1010	1010	1008	1009	1009	1010	1009	1009	371
AP		1010	1010	1009	1008	1009	1010	1010	1008	1009	287
P/	Y	1010	1010	1009	1008	1009	1009	1010	1009	1009	286
JŁ	Į٨	1010	1010	1010	1009	1009	1010	1010	1009	1010	278
JL	JŁ.	1011	1010	1010	1009	1010	1010	1010	1010	1010	287
ΑL	16	1011	1011	1010	1009	1010	1011	1011	1010	1010	322
56	P	1011	1011	1011	1008	1010	1010	1010	1010	1010	260
70	7	1011	1011	1011	1009	1010	1010	1010	1010	1010	309
NC	V	1011	1010	1009	1008	1010	1009	1010	1009	1009	281
0.0		1010	1010	1009	1008	1009	1008	1009	1008	1009	228
AM	ih.	1010	1010	1010	1008	1009	1010	1010	1009	1010	3516
06	15	485	95	638	411	562	174	608	523		
					•	ERCENT	ILES				
•	10	MIN	1%	5×	25%	50 <b>%</b>	75%	95%	99%	MAX	
J	N	1002	1003	1005	1008	1009	1011	1013	1013	1014	
P		1002	1002	1005	1006	1009	1011	1013	1014	1015	
P/		1004	1005	1006	1068	1009	1011	1012	1013	1014	
A	i n	1004	1005	1006	1008	1009	1010	1013	1013	1014	
M	٧	1005	1005	1006	1008	1009	1010	1012	1013	1014	
JL	N	1003	1005	1007	1008	1010	1011	1013	1014	1016	
JL	jL	1005	1006	1008	1009	1010	1011	1012	1013	1014	
ΑL	JG	1004	1006	1007	1009	1010	1011	1013	1014	1015	
٩(	•	1004	1004	1007	1009	1010	1011	1013	1013	1015	
00		1009	1006	1007	1009	1010	1011	1014	1014	1015	
N		1004	1004	1006	1008	1010	1011	1012	1013	1014	
0	C	1004	1004	1006	1007	1009	1010	1015	1013	1014	

PERIOD: (PRIMARY) 1913-1967 (OVER-ALL) 1857-1967

TABLE 1

AREA 0011 SOUTH CENTRAL JAVA 7.85 109.9E

PERCENT FREQUENCY	ΩE	HEATHER	DECURRENCE	RV	HIND	DIRI	FCTI	(ON

			,	RECIPI	TATIO	TYPE					OTHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	RAIN SHWR	0976	FRZG PCPN	SNUW	OTHER FRZN PCPN	MAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTNG	FOG NO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG 'ND	
N NE E S S S N W VAR CAL	10.0 .0 .0 .0 14.8 12.7 11.4	.0 .0 .0 7.0 2.3 4.5	.0	.0	0000000000	.00000000000000000000000000000000000000	.00000000000000000000000000000000000000	10.0 .0 .0 .0 14.6 19.7 13.6 9.1	.0 .0 .0 .0 .0 3.0 4.5	.0 .0 .0 .0 5.6 .2	.0		.0 .0 .0 .0 11.1 1.4 .0 4.5		90.0 100.0 100.0 100.0 74.1 73.2 83.3 81.8
TOT PCT TOT DBS:	7.8 102	3.9	1.0	.0	.0	•0	•0	12.7	2.0	1.0	•0	٥.	2.0	•0	82,4

TABLE 2

DERCENT	FREQ. FNCY	RE WEATHER	OCCURRENCE	RV HOUR

			P	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	PAIN Shwr	ORZL	PRZG PCPN	SNOX	OTHER FRZN PCPN	HAJL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	FDG HD PCPN	FOG WO PCPN PAST HR		SPRAY BLWG DUST BLWG SNOW	
00603 06609 12615 18621	2.9 6.1 15.2	2.9 6.1 3.0	2.9 .0 .0	.0	.0	.0	•0	8.6 12.1 18.2	3.0 11.1	.0 .0 .0	••	.0	8.6 .0	.0 .0 .0	82.9 84.8 81.8 77.8
TOT PCT	7.3	3.6	.9	.0	.9	•0	•0	11.8	1.5	.9	•0	•0	2.7	.0	82.7

TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		WIN	IP SPEI	ER IKNO	T5)								HOUR	(GHT)			
WID DIR	0-3			22-33		48+	TOTAL DBS	PCT FRFQ	MEAN SPD	00	23	06	09	12	15	18	21
N NE E	1.0	2, 9 2.5 1.4	.0	.0	•0	.0		4.3 2.9 2.7	5.5 5.6 4.3	6.0 7.7 5.0	.0 .0 12.5	7.7 3.0 2.4	1.0 3.0	1.3	50.0	2.8 5.6 1.5	4.5 3.6 2.7
Šŧ	1.3	4.1	.0	.0	•0	.0		5.3	5.2	6.0	12.5	5.4	4.0	5.6	.0	6.5	3.6
Šw	1.3	5.5 10.9	4.4	.0	•0	•0		19.2	5.2 8.2	3.4 5.6		3.0 17.3	10.0 36.0	9.6 26.9	50.0	9.3 17.6	16.1
W Nu	2.5	16.4	12.5	3.3	.0	•0		37.1 13.4	11.0	34.0 23.0		40.2	33.0		.0	37.0	41.1
VAR	.0	•0	.5	.0	.0	.0		.0	.0	•0	.0	.0	•0	.0	.0	.0	. 5
TOT CBS	95	193	89	18	0	0	395	8.4	#:º	10.4	•9	8.3 84	6.0 50	5.1 78	•0	9.3 54	12.5
TOT PCT	24.1	48.9	22.5	4.6	•0	.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNUTS) 28-40	41+	TUTAL UBS	PCT FREQ	MEAN SPD	00 03	NUCH 60 90	12 12 15	18 21
N	3.4	.9	•0	•0	.0		4.3	5.5	5.6	5.2	2.5	3.6
NE	2.2		•0	•0	.0		2,9	5.6	3.5	3.0	.0	4.5
E	2.2	.5	.0	•0	.0		2.7	4.3	6.3	1.5	1.9	2.3
5€	4.1	1.3	.0	.0	.0		5,3	5.2	6.3	4.9	5.6	5.0
5	5.3	1.5	.0	.0	.0		6.8	5.2	4.6	5.6	10.6	6.8
SW	8.3	9.2	1.5	.1	.0		19.2	8.2	5.3	24.3	20.3	16.8
W	11.0	17.3	7.7	1.0	.0		37.1	11.0	32.0	37.5	30.1	39.1
ÑW	5.4	4.7	3.2	1	.ò		13.4	10.1	20.4	10.6	10.0	10.9
VAR	.0	.0	• 0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	8.4			• •	• •		8,4	.0	9,9	7.5	5.0	10.9
TOT DAS	198	143	49	5	0	395	•••	8.ĭ	71	134	80	110
TOT PCT	50.1	36.2	12.4	1.3	.ŏ		100.0		100.0			

and the second of the second o

PERIOD: (PRIMARY) 1913-1967 (OVER-ALL) 1857-1967

TARLE 4

AREA 0011 SOUTH CENTRAL JAVA 7.85 109.9E

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

HDUR	CALH	1-3	4-10		SPEED (		46+	MEAN	PCT	TOTAL OBS
60200	9.9	23.0	43.7	16.9	5.6	.0	٥.	7.3	100.0	71
90340	7.5	17.2	45.5	24.6	5.2	.0	.0		100.0	134
12615	5.0	17.5	52.5	22.5	2.5	.0	.0	7.8	100.0	86
18621	10.9	7.3	53.6	23.6	4.5	.0	.0	8.3	100.0	110
TOT	33	62	193	89	18	Ŏ	0	8.1		395
PCT	8.4	15.7	48.9	22.5	4.6	.0	.0		100.0	

TABLE 5

TABLE 6

P	CT FRE			CLOUD A		EIGHTHS) MEAN					REQUEN							
WND DIR	0-2	3-4	5-7	8 & 085CD	TCTAL DBS	CLOUD	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000÷	NH C5/8 ANY HGT	
N	.0	.0	.0	•0		•0	.0	,0	.0	.0	.0	.0	.0	.0	.0	.0	•0	
NE	.0	.0	.0	•0		.0	•0	.0	.0	.0	.0	.0	.0	•0	.0	•0	•0	
E	2.8	.0	.0	•0		2.0	•0	.0	.0	.0	.0•	.0	.0	.0	•0	.0	2.8	
ŠE	2.8	.0	.0	•0		2.0	•0	.0	.0	.0	.0	.0	.0	•0	•0	.0	2.8	
S	5.6	5.6	.0	•0		2.0	•0	.0	.0	• 0	.0	.0	.0	.0	•0	.0	11.1	
Š¥	5.5	5.6	16.7	•0		5.0	•0	.0	.0	.0	.0	.0	.0	•0	• 3		27.8	
<u>.</u>	5.6	5.6	2.8	11.1		5.6	•0	.0	.0	.0	5.6	2.8	.0	•0	•0	.0	16.7	
NW	.0	.0	8.3	11.1		7.5	• 0	.0	.0	5.6	•0	2.8	.0	•0	•0	60	11.1	
VAR	.0	.0	.0	•0		•0	• 0	.0	.0	.0	.0	.0	.0	•0	•0	.0	•0	
CALM	.0	5.6	: 6	• 0		5.0	• 3	.0	.0	.0	5.6	.0	.0	•0	•0	•0	5.6	
TOT DAS	- 1	4	6		18	5.1	Ö	. 6	Ö	1	2	1	Ö	Ö	0	0	1-	18
TOT PCT	22.2	22.2	33.3	41.7	100.0		•0	.0	•0	5.6	1.1	5.6	.0	•0	•0	•0	77.8	100.0

TARLE 7

CUMULATIVE	PCT FREG	OF SIMULTANEOUS	DCCURRENCE
OF CEILS	NG HEIGHT	(NH >4/81 AND V	SBY (NH)

				VSBY (NH	13			
CEILING	■ DR	<ul> <li>OR</li> </ul>	= DR	- OR	• DR	• OR	= OR	• JR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
■ DR >6500	.0	•0	.0	.0	.0	.0	•0	.0
<ul> <li>nR &gt;5000</li> </ul>	.0	.0	.0	.0	.0	.0	•0	.0
■ DR >3500	.0	,0	.c	.0	.0	.0	.0	.0
• DR >2000	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
• OR >1000	16.7	16.7	1647	16.7	16.7	16.7	16.7	16.7
■ NR >600	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
e CR >300	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
■ DR >150	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
• DR > 0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
TOTAL	4	4	4		4			

TOTAL NUMBER OF OBS: 18

PCT FREQ NH <5/8: 77.8

TABLE 7A

PERCENTAGE FREQ DF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 9 6 7 8 DBSCD TOTAL OBS

LN.		

							JA	NUART							
PERIOD: (PRIPARY) 1 (OVER-ALL) 1							74	BLE 6				ARE	A 0011	CENTRAL	AVAL.
		Pi	FRCENT						URRENCE ALUES 1				E OF		
4284 (NN)		N	NE	ε	SE	\$	Su	W	NW	VAR	CALM	PCT	TOTAL		
	PCF	.0	.0	.0	.0	• 0	.0	.0	•0	.0	.0	.0			
<1/2	NO PCP	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0			
	107 %	•0	•0	•0	•0	•0	•0	•0	.0	.0	•0	.0			
	PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
1/2<1	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
	TOT \$	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0			
	PCP	.0	40	.0	.0	.0	.0	.0	.0	.0	•0	.0			
1<2	NO PCP	.0	.0	•0	.0	.0	• 0	.0	.0	.0	.0	Ĭ.			
	TOT %	•0	. 5	.0	•0	•0	.0	.0	•0	.0	.0	.0			
	PCP	.0	.0		.0	.0	.0	.0	•0	٠,	•0	.0			
2<5	NO PCP	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0			
	TOT %	.0	.0	•0	.0	.0	1.0	.0	•0	.0	•0	1.0			
	PCP	1.0	.0	.0	.0	1.0	2.5	2.5	.0	.0	•0	6.9			
5<10	NO PCP	1.0	.0	.0	.0	1.0	.0	4,4	.5	•0	•0	6,9			
	TOT %	5.0	.0	•0	.0	2.0	2.5	6.9	. 5	.0	.0	13.7			
	PCP	.0	.0	.0	.0	.0	1.0	2.0	2.0	.0	1.0	5,9			
10+	ND PCP	7.8	1.5	2.0	2.9	4.7	13.0	23.5	19.1	.0	4.9	79.4			
	TOT %	7.8	1.5	2.0	2.9	4.7	14.0	29.5	21.1	·ŏ	5.9	85.3			

TABLE 9

									ISIBIL		ED		
V58Y (NH)	SPD KTS	N	NE	£	SE	\$	SW	W	NW	VAR	CALH	PCT	TOTAL DBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	•0	.0	.0	.0	.0	.0	.0	.0		ŏ	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	.0	•0	•0	.0	.0	.0	.0	.0	.0	.0	
	0-3	.0	.0	.0	٠.	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	•0	.0	•0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	٠.	.0	.0		.0	
	Y87 \$	.0	.0	•0	•0	.0	.0	-0	.0	.0	.0	.ō	
	0-5	.0	.0	• 2	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	•0	•0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	•0	.0	.0	٠.	.0	.0	.0		.0	
	TOT \$	.0	••	•0	••	.0	.0	.0	.0	.0	.0	.0	
	0-3	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	.0	.5	.0	.0	.0	.5	. 3	. 3	.0		1,6	
	11-21	.0	.0	•0	•0	.0	.0	.0	•^	.0		.0	
	22+	.0	•0	•0	•0	.0	.0	.0	.0	.0		•0	
	TOY \$	.0	.5	•0	•0	•0	.5	.3	.3	.0	.0	1.6	
	0-3	.0	.0	.0	•0	,5	.5	2.0	.1	.0	.0	3,2	
5<10		1.1	.0	. 3	.3	. 5	. 8	1.7	.7	.0		5,3	
	11-21	.0	.0	•0	•0	.0	.0	1.1	.0	.0		1.1	
	22+	.0	.0	•0	•0	.0	.0	.0	.0	.0		•0	
	TOT \$	1.1	.0	.3	.3	1.1	1.3	4.8		.0	•0	7,5	
	0-3	2.1		1.1	1.9	1.6	4.2	6.3	4.2	.0	6.9	29.1	
10+	4-10	3.4	1.9	2.1	4.6	6.0	8.6	13.0	6.1	•0		47.6	
	11-21	.5	٠0	٠.٥	۰.	•0	3.2	3.7	3.2	.0		10.6	
	22+	•0	•0	.0	.0	_•0	0			.0		1.6	
	TOT \$	6.1	2.6	3.2	4.5	7.5	16.0	23.8	14.3	•0	4.9	**,*	
	TOT Les	<b>.</b> .											189
	TOT PCT	7.1	3.2	3.4	8.7	1.6	:7.9	28.8	15.3	.0	4.9	100.0	

PERIOD: (PRIMARY) 1913-1967 (OVER-ALL) 1657-1967

TABLE 10

AREA 0011 SOUTH CENTRAL JAVA 7.85 109.9E

PERCENT	FREQUENCY OF	CFILING	HEIGHTS	<b>LFEETANH</b>	>4/8)	ANI

HBUR (GMT)	000 149	150 299	300 599	600 999	1000	2000 3499	9500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00603	.0	.0	•0	20.0	20.0	20.0	.0	.0	.0	•0	60.0	40.0	5
06609	.0	•0	.0	•0	25.0	.0	.0	.0	.0	•0	25.0	75.0	4
12615	.0	•0	.0	.0	•0	.0	.0	.0	.0	•0	٠0	100.0	5
18621	.0	.0	.0	•0	•0	.0	.0	.0	.0	.0	٠0	100.0	4
TOT PCT	.0	.0	0	5.6	2	3.6	0	0	0	0	4	14	18

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY V\$81	( (NM)	BY HOUR		CUMULAT	IVE PCT CEILIN	FREQ G HGT	OF RAN	GES DF NH >4/8	VSBY (NM) 33BY HOUR	AND/OR
HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL CB5	HOUR (GMT)	<159 <50YD	<600 <1	<1000 <b>&lt;5</b>	1000+ AND5+	NH <5/8 AND 5+	TOTAL OBS
00603	.0	.0	2.1	2.1	4.3	91.5	47	00603	.6	.0	20.0	40.0	40.0	5
90360	.0	ن.	.0	.0	3.6	96.4	56	00609	.0	.0	.0	25.0	75.0	4
12615	.0	.0	•^	•0	26.5	73.5	49	12615	.0	.0	.0	• 5	100.0	5
18621	•0	.0	•0	4.4	6.7	88.9	45	18621	.0	.0	25.0	•0	75.0	4
TOT PCT	.0	٥	.5	1.5	20	173 87.8	197	TOT PCT	.0	0	11.1	16.7	72.2	18

TARLE 13

	PERC	ENT FF	EDUFNC	Y UF P	EL ATIV	E HUMI	DITY 8	Y TEMP		
TEMP F	0-29	30-39	40-49	50-59	40-69	70-79	80 <b>-8</b> 7	90-100	DBS	PCT FREG
90/94	.0	.0	.0	•0	1.6	• 0		.0	,	1.6
85/89	.0	. 2		•0	3.3	8.2	0.0		11	18.0
80/84	.0	.0	.0	.0	1.6	8.2	39.2	6.6	34	55.7
75/79	.0	.0	.0	.0	.0	1.6	13.1	9.8	15	24.6
TOTAL	C	٥	٥		- 4	11	36	10		100.0
PCT	•0	.0	•0	•0	6.6	18.0	59.0	16.4	•••	10000

TABLE 14

	PERCE	NT FR	EQUENC	Y DF N	114D D1	RECTIO	N BY T	EMP	
N	NE	E	SE	\$	24	×	NW	VAR	CALM
1.6	.0	.0	:0	.0	4.9	.0	4.9	.0	1.6
3.3	.0		2.5	3.3	13.5	22.1	10.2	.0	3.3 1.6
4.9	-0		2.5	4.4	19 2	•• •	93 4	^	

TARLE 15

	-FWM3	EXIKEM	ES AND	PERCE.	TILFS	DF TE	4P (DE	GF) B	Y HOU!
HOUR	MAX	994	95%	50%	54	14	MIN	MEAN	TOTAL
(GMT)	87						_		OBS
00603		9.6	85	81	77	74	74	80.7	73
90360	92	91	89	63	78	78	75	83.6	123
12615	65	84	84	82	78	76	76	81.6	79
18221	84	83	83	50	77	75	75	80.1	100
TOT	92	90	87	61	77	76	74	41.7	38

	PERC	ENT FRE	QUENCY	OF RELA	TIVE H	VTICIAU	BY HOUR	
HOUR (GPT)	0-29	30-59	60-69	70-79	80-89	90-100	HEAN	TOTAL
£0300	.0	.0	8.7 12.5	43.8	52.2	34.8	86	23
12615	.0	.0	.0	14.3	43.8 71.4	.0 14.3	76 85	16 21
18621	•0	.0	•0	11	100.0	.0 11	83	64

PERIOD: (PRIMARY) 1913-1967 (OVER-ALL) 1857-1967

TABLE 17

AREA 0011 SOUTH CENTRAL JAVA 7.85 109.9E

PCT FRPQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DFG F)

AIR-SEA TMP DIF	77 80	81 84	85 88	89 92	TQT	W FOG	#0 #06
INF DIF	00	-		76		F 0 0	-00
6	.0	•0	.0	2.6		.0	2.4
š	.ŏ		2.6		i		7.6
•				.0	:		2.6
4	.0		2.6			.0	
2	٠0	21.1	2.6	•0	1 9	٠0	23.7
-1	5.3	13.2	.0	•0	7	.0	18.4
-1 -2 -3	5.3		.0	.0	9	.0	23.7
-3	.0	2.6	2.6	.0	2	.0	5.3
-4	7.9	10.5	.0	.0	7	.0	18.4
-5	.0	2.6	.0	.0	1	.0	2.6
TOTAL	7	•	4	•		Ö	38
		26		1	38		
PCT	18.4	68.4	10.5	2.6	100.0		100.0

PERIOD: (DVER-ALL) 1963-1967

TABLE 18

PCT FRED OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT) 34-47 HGT <1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-60 61-70 71-86 87-6 TT PCT 1-3 11-21 1-3 4-10 4-47 7 00000000000000000000 1-3 HGT <1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 61-48 49-60 61-70 71-86 87+

									JANUARY				4004			
PERIOD:	IDAF	(-ALL)	1403-1	.467				TABLE	18 (CONT)				ANEA		.8S 109	ENTRAL JAVA .9E
				₽¢	T FREG	OF WIND	SPEED	(KTS)	AND DIREC	TION	VERSUS S	EA HEIG	HTS (FT)	1		
HGT	1-3	4-10	11-21	5 22-33	34-47	48+	PCT		1-3	4-10	11-21	SW 22-33	34-47	48+	PCT	
<1	.0	.0	.0	.0	.0	.0	.0		.0	9.1	.0	.0	.0	.0	9.1	
1-2	.0	9.1	.0	.0	.0	.0	9,1		.0	.0		.0	.0	.0	16.2	
3-4	.0		.0	.0	.0	.0	.0		.0	.0		.0	.0	. 5	.0	
5-6	.0	.0	.0	.0	.0	•0	.0		, n	.0		.0	.0	.0	9.1	
7	.0	.0	.0	.0	.0	.0	.0		• 0	•0	.0	.0	.0	.0	•0	
8-9	•C	.0	• 0	.0	.0	.0	•0		• 0	.0		.0	• 0	٠.	.0	
10-11	.0	.0	•0	.0	.0	•0	.0		•0	.0		•0	• •	.0	.0	
12	٠.	.0	•0	.0	.0	٠.	.0		•0	•0		۰.	• 0	.0	•0	
13-16	٥٠	.0	•0	.0	.0	•0	•0		.0	.0		•0	•0	.0	.0	
17-19	.0	.0	•0	.0	.0	.0	•0		.0	.0		.0	• 0	.0	•0	
20-22	•0	.0	•0	.0	.0	• 0	• 0		• 0	.0		•0	•0	.0	•0	
23-25	.0	.0	•0	.0	.0	.0	.0		•0	.0		•0	•0	.0	•0	
26-32	•0	.0	•0	.0	.0	•0	•0		•0	.0		٠.	•0	.0	•0	
33-40	.0	.0	•0	.0	•0	•0	.0		•0	•0		•0	•0	.0	•0	
41-48	.0	.0	•0	.0	. 9	.0	.0		• 2	.0		•0	•0	.0	•0	
49-63	٠.0	.0	•0	•0	•0	•0	• 0		• 2	•0		.0	•0	•0	•0	
61-70	•0	•0	•0	.0	.0	•0	•0		•2	•0		.0	•0	.0	.0	
71-86	• 0	.0	•0	.0	.0	•0	.0		• 0	•0		.0	•0	.0	•0	
87+ TOT PCT	•0	9.1	•0	.0	.0	•0	.0		.0	9.1		.0	•0	•0	2.0	
TOI PÇI	.0	4.1	•0	.0	.0	•0	9.1		•0	7.1	27.3	.0	•0	.0	36.4	
												NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10		22-33	34-47	48+	PCT	PCT
<1	•0	.0	•0	•0	.0	•0	.0		• ?	9,1		•0	•0	•0	9.1	
1-2	•0	9.1	•0	.0	•0	•0	9.1		•0	.0		.0	•0	•0	•0	
3-4	٠.٥	9.1	•0	0	.0	•0	9.1		• 2	•0		.0	•0	•0	.0	
5-6 7	.0	.0	•0	9.1	• • •	•0	9.1		•0	.0		.0	•0	•0	9.1	
8-9	.0	.0	•0	.0	.0	• • • • • • • • • • • • • • • • • • • •	.0		•0	.0		9.1	•0	.0	9.1	
10-11		.0	•0		•0	••	.0		.0	.0		.0	.0		.0	
12		.0	•0	.0	• • • • • • • • • • • • • • • • • • • •	.0	.0		ŏ	č		••	.0	.0	.0	
13-16	č	.0	•0	.0	.0	•0	.0		Š	.0		•0	.0	.0	••	
17-19	č	.0	•0	.0	.0	•0	.0					.0	.0	.0		
20-22		.0	.0	.0	.0	.0	.0		ő			.0	.0		.0	
23-25			•0		.5	.0	.0		ň	.0			.0	.0	.0	
26-32	.č	.0	.0	.0			.0		.0	. 0		.0	.0	.5	.0	
33-40		.0	•0		.5		.0		.0			.0	.5		.0	
41-48	. 0	.0	.0		.0		.0		.0				.0	.5	•0	
49-60	٠٥	.0	.0	.5	.5	.0	,0		.0	. 0		.0	.0	.0	.0	
61-70	č	.ŏ	.0		٥٠	.ŏ	. č		.5				ŏ		.ŏ	
71-86	iò		•0	.0	.0	.0	.0		.0	.0		.0	.0	.0	.0	
87+	.ŏ	.0	.0	.0	.0	.0	.0		.0	, 0		.0	.0	.0	.0	
TOT PCT	.0	18.2	•0	9.1	.0	.0	27.3		.0	9.1		9.1	.0	.0	27.3	100.0

是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
нет	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	.0	18.2	•с	.0	.0	.0	18.2	053
1-2	•0	18.2	18.2		.0	.0	36.4	
3-4	.0	9.1	.c	.0	.0	.0	9.1	
5-6	. 5	•0	18.2	9.1	.0	.0	27.3	
7	.0	•0	.c	0,1		. 0	9.1	
8-9			.0				٥.`	
10-11		.0					ŏ	
12		·ŏ		ŏ	.0		.0	
13-16	:6		.č		.0			
17-19	.5			.5	.0		٠٥	
		•0	٠.					
20-22	•0	• 0	٥.	.0	•0		•0	
23-29	.0	•0	.c				.0	
26-32	.0	•0	.0				.0	
33-40	.0	•0	.с	.0	.0		.0	
41-48	.0	.0	.0	•0	.0		.0	
49-60	.0	•0	.0	.0	.0	.0	.0	
61-70	.0	•0	.0	.0	.0	.0	.0	
71-86	.0	• 0	.c	.0	.0	.0	.0	
87+	.0	•0	.6	.0			.0	
TFT PET	•0	45.5	36.4	18.2	.0	•0	100.0	11

PERIOD: (OVER-ALL) 1953-1967 TABLE 19 8-9 10-11 .0 .0 6.7 .0 .0 13.3 .0 .0 6.7 .0 .0 6.7 .0 6.7 .0 6.7 .0 6.7 .0 6.7 .0 6.7 .0 6.7 49-60 61-70 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 71-86 1-2 3-4
6.7 20.0
.0 6.7
13.3 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0 17-19 2 .0 .0 .0 .0 .0 12 1 PERIOD (SEC) <6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 5-6 7 .0 .0 .0 .7 .0 .0 .0 3-16 \$7+ .0 .0 .0 .0 .0 .0 4EAN HGT 3 6 6 7 8 10 5 .0.0.0.0.0.0.0.0.0.0 -25 -48 0000000000 ...... ..........

F۸		4	۰	v

			- Canoani	
PERIODI	(PRIMARY)			AREA 0011 SOUTH CENTRAL JAVA
	(OVER-ALL)	1870-1473	TABLE 1	7.85 109.9E
			PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIN	O DIRECTION

							-								
			•	RECIPI	CITATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND DIR	PAIN	PAIN SHWR	CR7L	PRZG PCPN	NON	OTHER FRIN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	FOG HO PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
N	.0	٥.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	•0	100.0
NE	•0	3,8	.0	.0	.0	.0	.0	3.8	•0	.0	.0	.0	15.4	.0	80.8
E	.0	7.9	.0	.0	.0	.0	.0	7.9	٠٥	.0	•0	٥	.0	.0	92.1
ŠE	.0	5.1	.0	.0	.c		.0	5.1	.0	ŏ	.0	ō		.0	94.9
S	.0	5.9	.0	.0	.0		• 6	5,9	.0	.ŏ		ŏ		.0	94 1
Š'n	9.4	1.2	. 0	.0	.0			10.6	.0	4.7	.0	ŏ	• 6	ě	84.7
-	7.1	2.7	3.6		.0			13.4	.0	10.7					79.5
Ñw	8.5		3.0				:6	1.5	4.3		•0	•0	•0	.0	87.2
VAR	.5	.ŏ	ŏ							.0	.0	•0	•0	•0	
					.0	•0	.0	.0	•0	.0	.0	.0	•0	.0	.0
CALM	4.5	4.5	۰.	.0	•0	.0	• C	9.1	.0	.0	.0	•0	4.5	•0	86.4
TOT PCT	5.3 133	3.0	.•	.0	•0	.0	.0	9.0	.6	3.0	•0	.0	1.5	•0	86.5

TABLE 2
PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	1017AT	TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	MIAR	PAIN Shar	PR7L	FRZG PCP4	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST Hour	THOR LTNG	FOG NO PCPN	FOG WD PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
00£03 06£09 12£15 18£21	2.5 2.1 11.1 .0	.0 2.1 4.4 11.1	.0 2.2 .0	.0	.0	.0	.0	2.5 4.3 17.0 11.1	2.5 .0 2.2	2.1 2.2 22.2	.0000	.00	2.5 2.2	.0 .0 .0	92.5 95.7 75.6 66.7
TOT PCT	5.0 141	2.8	.7	.0	•0	.0	.c	8.5	1.4	2.8	•0	.0	1.4	•0	86.5

TABLE 3
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

												_					
HND DIR	0-3			ED (KN) 22+33		44+	TOTAL DBS	PCT FREQ	MEAN SPD	09	03	06	H3UR 09	(GMT) 12	15	18	21
N NE	1.0	2.8	.1	.0	•0	•0		3.6	5.7	6.3 7.1	66.7	1.7	•0	3.1	•0		6.
S F	3.0	4.3 3.9	.1	.0	.0	•0		7.1	5.9	10.8	•0		9.3	9.4	•0		3.5
S	1.6	4.7	.0	'n	.0	.0		6.5	5:0	1.1	•0	1.7	14.8	11.0	.0		4.2
S»	3.5 4.3	10.3	2.7	1.4	.6	•0		16.7 27.4	7.4	9.2 22.9	16.7	12.2	38.0	27.2			27.1
Ñ#	4.4	11.2	7.5	• • • • • • • • • • • • • • • • • • • •	٥			18.2		25.8	.0		5.6	7.5	66.7	20.8	25.7
VAR		.0	.c	٠,	.0	.0			.0	0	•0		•0	٥.	.0	.0	•0
TOT CBS	10.8	278	60	6	4	0	507	10.8	6.5	13.7 95	•0	12.8	1.9	9.6 114	.0	11.3	
TOT PCT	31.0	54.8	11.8	1.6	, 8	• 0		100.0	- • • •		100.0		100.0		100.0		

					TAB	LE 3A						
HND DIR	0-6	WIND 7-16	SPEED 17-27	(KNETS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	HBUH 00 90	12 15	18 21
N E E E E E E E E E E E E E E E E E E E	2.7 3.1 3.5 5.7 5.2 9.0 10.8 11.1	1.1 1.0 1.7 1.4 1.3 7.0 12.6	.1 .0 .0 .0 .0 .5 2.9	.0 .0 .0 .0 .1 .8	.0		3.8 4.1 5.2 7.1 6.5 16.7 27.4 18.2	5.7 5.2 5.9 4.5 5.0 7.4 9.7 6.6	0.1 8.9 10.5 3.1 1.0 9.4 22.7 25.0	#.2 1.1 1.8 10.4 6.8 22.1 31.4 14.6	3.0 4.7 9.2 10.7 27.4 25.9	5.3 4.8 5.4 4.9 6.6 8.2 28.0 24.3
CALM TOT ORS TOT PCT	10.8 314 81.9	166 32.7	20 3,9	5 1.0	2	507	10.0	4:5	13.3 98 100.0	8.6 140	117	12.5 152 100.0

#### FEBPUARY

PERIOD: (PRIMARY) 1914-1973 10VER-ALL) 1870-1973

TARLE 4

AREA 0011 SOUTH CENTRAL JAVA 7.85 109.9E

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GMT)

HUUK	CALM	1=3	4-10		SPEED (		48+	HEAN	PCT FREQ	TOTAL
00603 06609 12615 18621 TUT PCT	13.3 8.6 9.4 12.5 55 10.8	26.5 22.9 17.9 15.1 102 20.1	50.0 53.6 55.6 58.6 278 54.8	10.2 13.6 13.7 9.9 60 11.6	.0 1.4 2.6 2.0 8	2.0	.0	6.5	100.0 100.0 100.0 100.0	98 140 117 152 507

TAPLE 5

TABLE 6

P	CT FRE			LUUD A		(EIGHTHS)		(					CEILIN NH <5/					
WHO DIR	0-2	3-4	5-7	6 E 085C0	TCTAL CBS	CLOUD COVER	000 149	150 299	300 599	600 9 <b>9</b> 9	1000	2000 3499	3500 4999	5000 6499	6500 7999	6000+	NH €5/8 ANY HGT	
N	.0	.0	.0	•0		•0	•0	•0	•0	.0	.0	.0	.0	•0	.0	.0	•0	
NE	.0	.0	5.0	.0		5.2	•0	.0	.0	.0	.0	4.0	.0	.0	.0	.0	1.0	
6	.0	8.0	3.0	.0		4.1	•0	.0	.0	.0	.0	.0	.0	•0	.0	.0	11.0	
ŠE	.c	4.0	.0	.0		3.0	•0	.0	•0	.0	.0	.0	.0	•0	•0	.0	4.0	
š-	.0	4.0	•0	.0		3.0	•0	.0	.0	.0	.0	.0	.0	•0	.0	.0	4.0	
Š×	.0	13.0	1.0	•0		3,5	•0	.0	.0	•0	.0	.0	.0	•0	.0	.0	14.0	
# ·	.0	26.0	11.0	4.0		4.5	•0	.0	4.0	.0	•0	.0	.0	•0	.0	.0	37.0	
Ñh		1.0	4.0	8.0		7.3	•0	. c	.0	.0	.0	4.0	.0	.0	.0	.0		
VAK	.c	.0	.0	• • •		.0	•0	.0	.0	.0	.0	.0	.0	•0	•0		.0	
CALM	č	9.0	•0			3.5	•0		.0	.0	.0	•0	.0	•0	.0	.0		
TOT DES	• 6	16	• • •	• • •	25	4.5	• • • • • • • • • • • • • • • • • • • •	ň	• 1			ž	ŏ	ŏ	ň	•	22	25
TOT PCT	.0	64.0	24.0	12.0			•ŏ	.0	4.0	•ŏ	٠.٥	8.0	.0	•ŏ	•0	•0		100.0

TABLE 7

CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NH)

				VSBY (NH	1)			
CEILING	a DR	• DR	• OR	= /7R	• DR	• OR	- OR	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50~D	>0
• FK >6500	0	•0	.0	.0	.0	.0	.0	.0
■ FR >5000		.0	.0	.0	.0	.0	.0	.0
■ PR >3500		.0	.0	.0	.0	.0	•0	.0
. DR >2000		6.9	6.9	6.9	6.9	6.9	6.9	6.9
• PR >1000		6.9	6.9	6.9	6.9	6.9	6.9	6.9
. DR >600	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
■ TR >300	6.9	10.3	10.3	10.3	10.3	10.3	10.3	10.3
• DR >150	6.9	10.3	10.3	10.3	10.3	10.3	10.3	10.3
• DR > 0	6.9	10.3	10.3	10.3	10.3	10.3	10.3	10.3
TOTAL		3	3	3	3	3	3	3

TOTAL NUMBER OF DBS: 29

PCT FREQ NH <5/81 89.7

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD DBS .0 8.9 24.1 37.9 20.7 6.9 .0 3.4 .0 .0 29

							FEB	RUARY							
(PRIMARY) 1 (OVER-ALL) 1							44	BLE 8				ARE	A 0011	SOUTH CENTRAL 7.85 109.9E	JAVA
		P	ERCENT						URRENCI ALUES (				€ OF		
VSBY (NM)			NE	E	SE	S	SH	¥	NW	VAR	CALM	PCT	TOTAL OBS		
<1/2	PCD ND PCP TDT %	.0	.0	.0 .0	•0	•0	•0	.0	•0	•0	•0	•0			
1/2<1	PCP NO PCP TOT %	.c .c	.0	•0	•0	•0	•0	.0	•0	.0	•0	.0			
1<2	PCP ND PCP TDT %	.0 .0	.o .o	.0 .0	•0	•0	•0	.0	•0	.0	•0	.0			
2<5	PCP NO PCP TOT %	.c .c	.0	•0 •0 .r	•0	•0	.A .A 1.5	.0	.8 .0 .8	.0	•0	1,5 1,5 3,0			
5<10	PCP ND PCP TOT %	.c .c	.8	2.3 2.8	• 4	1.5 1.9	1.5 1.5	.8 1.5 2.3	3.0 3.8	.0	.8 3.0 3.8	3.8 13.6 17.4			
10+	PCP NO PCP TOT %	3.0 3.0	3.2 3.2	.0 4.4 4.4	7.0 7.0	.0 4.5 4.5	12.1 13.1	1.3 16.9 18.2	13.3 13.3	.0	.8 12.1 12.9	3.0 76.5 79.5			

			1						ISIBIL:		ED		
V58Y (44)	SPD KT\$	N	NE	E	SE	\$	SW	•	NW	VAR	CALM	PCT	TOTAL DBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	•0	.0	.0	.0	٠.	.0	.0	.0		.0	
	11-21	.0	.0	•0	•0	•0	.0	.0	•0	•0		.0	
	22*	.0	•0	•0	•0	.0	•0	•0	•′_	•0		.0	
	TOT %	.0	•0	•0	•0	.0	•0	•0	•0	.0	•0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	•0	.0	•0	.0	.0	.0	.0	.0		.0	
	11-21	.0	•0	.0	•0	.0	٠.	.0	.0	.0		.0	
	22*	.0	.0	•0	•0	•0	•0	.0	.0	•0		•0	
	TOT %	.0	.0	.0	•0	•0	•0	.0	•0	.0	.0	•0	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	•0	• 0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	•0	۰.0	.0	. 2	.2	.0		.4	
	22+	.0	•0	•0	•0	•0	•0	•0	.0	•0		•0	
	TD1 %	.0	.0	•0	.0	•0	.0	.2	.2	.0	.0	.4	
	0-3	.0	.0	•0	.0	.0	.4	.0	.0	.0	.4	.8	
2<5	4-10	.0	. 4	.0	•0	.2	.6	.0	.4	.0		1.6	
	11-21	.0	•0	•0	•0	.0	.0	.0	.0	.0		.0	
	22+	.0	•0	•0	•0	•0	.0	•0	•0	.0		.0	
	TO7 \$	.0	.4	•0	•0	•2	1.0	.0	.4	.0	.4	2.4	
	0-3	.0	.0	•0	.2	.2	.0	.0	.4	.0	2.0	2.8	
5<10	4-10	.0	.5	1.5	.6	1.0	1.2	1.4	1.8	.0		7.9	
	11-21	.0	.0	•0	•0	•0	۶.2	1.2	.6	.0		2.0	
	2.+	٠.0	.0	.0	.0	.0	.0	.0	.0	.0		0	
	TOT \$	.0	.5	1.5	. 8	1.2	1.4	2.6	2.8	.0	2.0	12.6	
	0-3	1.8	. 8	1.2	3.9	2.0	3.6	5.0	4.1	.0	11.8	34.3	
10+	4-10	3.7	1.9	4.0	4.2	4.5	6.5	10.0	8,4	.0		43,3	
	11-2)	.2	.4	•0	.4	• C	1.2	3.4	1.5	.0		7.1	
	22+	.0	.0	•0	.0	•0	.0		.0	.0		.0	
	79T %	5.7	3.1	5.2		6.5	11.3	18.5	14.0	.0	11.8	84.6	
	TOT DAS		3.9										254
	ILII PEI	5.7	3.7	6.7	9.4	7,9	13.7	21.3	17.3	•0	14.2	100.0	

FEBRUARY

PERIJD: (PRIMARY) 1914-1973 (QVER-ALL) 1870-1973

£ 6

3

是一个时间,我们是一个时间,我们是一个时间,我们也是一个时间,我们也是一个时间,我们也是一个时间,我们也是一个时间,我们是一个时间,我们也是一个时间,我们也是一个

TABLE 10

AREA OD11 SOUTH CENTRAL JAVA 7.85 109.95

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PERCENT FREQUENCY OF CP: CING HEIGHTS (FEET, NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GHT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	6000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00603	.0	.0	.0	•0	.0	28.6	.0	.0	.0	•0	28.6	71.4	7
90380	.0	.0	.0	•0	.0	.0	.0	.0	.0	•0	•0	100.0	9
12615	.0	.0	.0	•0	•0	•0	.0	.0	.0	•6	.0	100.0	
16621	.0	.0	20.0	•0	.0	•0	.0	.0	.0	.0	20.0	80.0	5
TOT PCT	.0	.0	3.4	.0	0	6.9	.0	.0	.0	.0	10.3	26 49.7	29 100.0

TABLE 11

TABLE 12

		PERCENT	FREQUE	(CY V\$8)	( (NM)	BY HOUR		CUNULAT					VSBY (NM)	
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL COS	HOUR (GMT)	<150 <50YD	<600 <b>&lt;</b> 1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00203	.0	.0	.0	1.6	7.9	90.5	63	E0300	•0	.0	.0	28.6	71.4	7
90360	•0	.0	•0	.0	11.7	88.3	77	90360	•0	.0	.0	•0	100.0	9
12615	.0	.0	•0	5.9	19.1	75.0	66	12615	.0	•0	.0	•0	100.0	8
18621	•0	.0	1.9	1.9	13.0	83.3	54	18621	•0	20.0	20.0	•0	80.0	5
TOT PCT	.0	.0	1	2.3	34 13.0	221 84.4	262 100.0	TOT PCT	.0	3.4	3.4	6.9	26 89.7	29 100•0

TARLE 13

TABLE 15

TABLE 16
PERCENT PREQUENCY OF RELATIVE HUMIDITY BY HOUR

	MEANS,	EXTREMI	S AND	PERCEN	TILES	OF TE	MP (DE	G F) B	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE HL	YTIGIM	BY HOU	l
HOUR (GMT)	MAX	992	95%	50%	51	18	HIN	MEAN	TOTAL DBS	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
£0300	89 92	88 91	86 90	80 84	77 80	75 78	75 77	10.5	102 138	£0300	.0	•0	23.5	25.0	32.1	42.9	86 78	28 34
12615	87 85	84	85 83	52 81	79 76	76 74	76 73	82.1 80.4	114 149	12615 18621	.0	•0	•0	11.8	33.3	35.3	87 80	34
TOT	92	90	87	82	77	75	73	81.9	503	TOT	Ö	Ö		27	39	28	#3	102

PERIOD: (PRIMARY) 1914-1973 (OVER-ALL) 1870-1973

TABLE 17

AREA OC11 SQUTH CENTRAL JAVA 7.85 109.9E

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	77	81	85	89	TUT	w	WO
THP DIF	80	84	88	92		FÖG	FÖG
7/8	.0	•0	1.6	•0	1	.0	1.6
•	.0	.0	.0	1.6	ì	. 0	1.6
5	.0	.0	.0	1.6	ī	.0	1.6
4	.0	.0	3.2	.0	ž		3.2
3	.0	3.2	3.2	.0	4		6.3
3 2	.0	1.6	1.6	.0	,	.ŏ	3.2
ī	.0	1.6	3.2	č	2		4.8
0	.0	12.7	3.2	ŏ	10		15.9
-i	.0	6.3	4.8	.0	• • •	.ŏ	
-ž	3.2	11.1	1.6	ě	10		11.1
-3	7.6	12.7	1.0			.0	15.9
				•0	8	.0	12.7
-4	3.2	12.7	.0	.0	10	.0	15.9
-6	٠.	1.0	.0	•0	1	.0	1.6
-7/-8	1.6	3.2	.0	. 0	3	.0	4.6
TOTAL			14	• -	•	ŏ	63
•	-	42	•	2	63	•	43
PCT	7.9		22.2	3.2	100.0		100.0

PERIOD: (QVER-ALL) 1963-1973

				PC	T FREQ (	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT		
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT		1-3	4=10	11-21	NE 22-33	34-67	48+	
<1	.0	.0	.0	.0	.0	.0	.0		.0						PCT
1-2	.0	.0	.0	.0	.0	.0	•0		.0	.0	6.7	•0	•0	٠.	•0
3-4	.0	.0	.0	.0	.0				.0	1.7		.0	•0	.0	6.7
5-6	٥٠	.0	.0		ໍ້າ	.0			•0		.0	.0	•0	.0	1.7
7	.0	.0	.0	.5		.0	.0		•0	•0	.0	•0	•0	.0	•0
8-9	.0	.0	.0	.0	ŏ	.ŏ	.0		.0	.0	•0	.0	•0	.0	.0
10-11	.0	.0		•0			.0		.0	.0	.0	•0	•0	.0	.0
12	.0	.0		.0	.0		.0		.0	ŏ	.0	•0	• • •	٠.	•0
13-16	.0	.0	•0	.0			.0		.0	.0	.0	•0	•0	•5	•0
17-19	.0	.0	9.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	٠.	•0
20-22	.0	.0	.0	.0		.0	.0		ň	:0	.0		•0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0		ő	.ŏ	.0	•0	•0	. 5	•0
26-32	.0	.0	٥.	.0	.0		.0		.,	.0	.0	•0	•0	.0	•0
33-40	. 0	.0	•0	.0	ň	.0			.0	.0	.0	•0	•0	.0	•0
41-48	.0	.0	.0	.0	.0	.5			• 0	.0	.0	•0	•0	٠.	•0
49-60	•0	.0	.0	.0	.0	.0			ň	.0	.0	•0	•0	•0	•0
61-70	.0	.0	.0		.5	.0	.0		.0	.0		•0	•0	.0	•0
71-86	.0	.0	.0	.0	.0		.0		ő	٠٥	.0	-0	•0	.0	•0
87+	.0	.0	•0	•0	.5				.0	.0		.0	•0	.0	•0
TOT PCT	_0	.0	•0	.0	.0	.ŏ	.0		.0	1.7	.0 6.7	.0	•0	.0	•0
			•		• •	•••	••		••	•• ′	5.7	•0	,0	.0	8.3
HGT	1-3	4-10	11-21	E 22-33	34-47	48+	PCT		1-3	4-10	11-21	\$E 22-33	36-47	480	PCT
<1	.0	.0	• 0	.0	.0	.0	.0		• 0	.0	7,0	.0	•0		
1-2	.0	6.7	.0	.0	.0	.0	6.7		ěŏ	.ŏ		.0	.0	.0	.0
3-4	.0	11.7	•0	.0	.0	•0	11.7		ŏ	6.7	.0		•0	.0	6.7
5-6	.0	.0	.0	•0	.0	•0	.0		č	.0	.0	:0	•0	:6	°.6
7	.0	.0	•0	.0	.0	• 0	.0		ċ	.0	.0		•0	.0	.0
8-9	•0	.0	•0	.0	.0	•0	.0		•0	ō			• • • •	.0	.0
10-11	٠.	.0	.0	•0	.0	.0	.0		.0	.0		.0	.0		
12	.0	.0	•0	•0	.0	•0	•0		.0	.0	.0	,0	•0	.0	.0
13-16	.0	.0	•0	.0	.0	.0	.0		.0	.0	.ŏ			:8	٠٥
17-19	•0	.0	•0	•0	.0	•0	.0		.0	.0			•0	.0	ŏ
20-22	.0	•0	•0	•0	.0	•0	.0		•0	.0	.0	.0	•0	:0	.0
23-25	.0	.0	.0	.0	.0	.0	.0		.0		.ŏ	.0	:ŏ	:ö	.0
26-32	.0	.0	•0	•0	.0	•0	•0		.0	.0	.0	.0	.0	:0	.0
33-40	.0	•0	.0	•0	.0	·ŏ			ŏ	ě	.0	•0	•0	.0	.0
41-48	.0	.0	•0	.0	.0	.0	.0		ñ	ŏ	.0	.0	•0	.0	•0
49-60	.0	.0	.0	.0	.0	.0	.0			ě	.0	•5	•0	.0	.0
61-70	.0	.0	• 0	.0	.0	•0	•0		. 0	.0	.0		•0	.0	
71-86	.0	.0	•0	•0	.0	•0	.0		.0	.0	.0		•0		•0
87+	.0	.0	•0	.0	.0	•0			.0	.0	.0	•0	•0	•0	•0
TOT PCT	.0	18.3	.0		ŏ	.0	18.3		.0	6.7	.0			•0	.0
			• *	- •	•••	••			••	<b>V</b> • 7	•0	•0	•0	•0	6.7

								1	FEBRU	JARY							
PERIOD:	(DAF)		1763-1	9/3				TABLE	18 (	CONT	+			AKEA		S 109	entral Java ,9e
				<b>₽</b> C	T FRED D	F WIND	SPEED	(KTS)	ANn	DIREC	TION V	ve#Sus \$	EA HEIG	HTS (FT)			
HGT	1-3	4-10	11-21	S 22-33	34-47	48+	PCT			1-3	4-10	11-21	SW 22-33	34-47	48+	PCT	
<1		.0	•0	.0	.0	.0				1.3	6.7	.0	.0	.0	.0	15.0	
1-7	.0	6.7	.0	.0	.0	.0	6.7			.0	4.3	.0	.0	.0	.0	8.3	
3-4	.0	.0	•0	.0	.0	.0	.0			•0	.0	.0	•0	•0	.0	•0	
5-6	.0	.0	•0	.0	.0	•0	.0			.0	•0	.0	.0	•0	.0	.0	
7_	•0	.0	•0	• 0	.0	.0	•5			• 0	.0	•0	•0	•0	•0	.0	
8-9	•0	.0	•0	.0	•0	•0	•0			•0	•0	.0	• 0	•0	•0	.0	
10-11	.0	.0	•0	•0	.0	•0	•0			•0	• 0	.0	•0	•0	•0	•0	
12	.0	.0	•0	.0	•0	•0	•0			•0	•0	•0	•0	•0	.0	.0	
13-16 17-19	.0	.0	•0	.0	.0	.0	.0			.0	.0	.0	• 0	•0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	•0	.0	.0	
23-25	.0		.0	.0	.0	.0	.0			ŏ	.0	::	.0	.0	ě	:0	
26-32	.0		.0	.0	ě		ě			ň	ě		••	.0	.0		
33-40	, č	٥٠	.0	.0		.0	ŏ			ō	.0	.ŏ	.0	ŏ		.0	
41-48	.0	.0	.0	.,	.0	•0	.c			.0	.0	.0	• • •	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	•0	.0	.0	.0	
71-86	.0	٠.	•0	•0	.0	•0	.0			•0	•0	.0	•0	•0	.0	.0	
87+	.0	.0	•0	•0	.0	•0	.0			.0	.0	.0	•0	•0	.0	.0	
דמי דמד	.0	6.7	•0	•0	.0	•0	6.7			8,3	15.0	.0	•0	•0	•0	23.3	
													NY				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT			1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	5.0	•0	•0	•0	.0	•0	5.0			•0	•0	.0	•0	•0	•0	.0	
1-2	. 3	5.0	•0	.0	.0	•0	5.0			.0	6.7	.0	•0	•0	•0	6.7	
3-4	• 0	6.7	•0	.0	•0	•0	6.7			•0	• 0	.0	•0	• 0	.0	• 0	
5-6	. ა	•0	5.0	•0	•0	•0	5.0			•0	6.7	1.7	•0	•0	.0	6.3	
7 8-9	.0	• 0	•0	•0	.0	• 0	•0			•0	•0	•0	•0	•0	•0	•0	
10-11	.0	•0	•0	•0	.0	•0	•0			.0	•0	•0	•0	•0	.0	•0	
12		.0	•0	.0	٥٠	•0	•0			.0	ò	•0		•0	.0	•0	
13-16	٥	.0	.0	:0	.0	٥٠	.0			ŏ	ŏ	:0	::	.0	.ŏ	:0	
17-19	.0	.0	.0	.0	.0	•0	.0			ò	.0	.ŏ			.0		
20-22	.0	.0	.0	.0	.0	.0	ěč			.0	.5		.0	•0		ě	
23-25	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0	.0	•0	
26-32	.0	.0	.0	.0	.0	•0	• C			.0	.0	.0	.0	•0	.0	•0	
33-40	.0	•0	.0	.0	.0	•0	.0			• 2	.0	.0	.0	•0	.0	.0	
41-48	٠.	.0	.0	.0	.0	•0	.0			.0	.0		.0	•0	.0	.0	
49-00	.0	.0	•0	•0	.0	•0	.0			.0	.0	.0	.0	•0	•0	.0	
61-70	.0	.0	•0	.0	.0	•0	•0			•0	.0	.0	.0	•0	.0	• 0	
71-86	.0	.0	•0	.0	•0	•0	•0			•0	•0	.0	.0	•0	.0	•0	
87+	0	0	• 0	•0	.0	•0	0			٠.	13.3	0	.0	•0	.0	0	100 0
TOT PCT	5.0	11.7	5.0	•0	.0	.0	21.7			•0	13,3	1.7	.0	•0	.0	15.0	100.0

	- TMD	CREEN	/#T\$1	VC 4E4	HEIGHT	(ET)		
	41.40	3-650	10137	13 36-		••••		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	18.8	6.3	.0	.0	.0	.0	25.0	093
1-2		31.3	6.3	ŏ	.0	.0	37.5	
3-4	.0	25.0		ŏ	.0	.0	25.0	
5-6		6.3	6.3	ŏ	.0		12.5	
7,0	.ŏ			ě		.ŏ		
8-9	.0	.0		ŏ		.ŏ		
10-11	.0	.0					ö	
12	.ŏ					.ŏ		
		•0	.0	•0				
13-16	• 0	•0	.0	.0	.0	.0	•0	
17-19	.0	.0	٠,	.0	٠,٥	.0	.0	
20-22	.0	•0	.c	.0	•0	.0	.0	
23-25	.0	•0	.0	.0	.0	.0	.0	
26-32	.0	•0	.0	.0	.0	.0	.0	
33-40	.0	•0	٠.	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86		.0		.0	.0	.0		
87+		.0	.č	.0	.0	.0		
- / -		••		•9		••		16
TCT PCT	18.6	66.0	12.5	.0	.0	.0	100.0	10

PERIOD	: (0)	ER-ALL	) 195	3-197	,				TABLE	19											
					PERCENT	FRE	QUENC Y	OF WA	VE HEIG	SHT (FT	) VS	HAVE PE	ER 100	(SECONI	120						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-10	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6 6-7	.0	.0	28.0	4.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0	:0	.0	.0	8	3
8-9 10-11	.0	•:0	4.0	4.0	•.o	.0	.0	4.0		:0	.0	.0	.0	.0	.0	.0	.0	.0	:0	5	7
12-13 >13	.0	.0	8.0	12.0	4.0	.0	•0	.0		.0	0	.0	.0	•0	.0	.0	.0	.0	.0	3	4 5
INDET	•0	0	.0	4.0	.0	۰.	•0	.0	.0	.0	•0	•0	.0	•0	•0	.0	.0	.0	.0	1 25	5
PCT	•0	4.0	48.0	32.0	12.0	.0	.0	4.0		.ŏ	.0	٠.٥	.ò	.ŏ	٠ŏ	.õ	.o	.ŏ.	٠.٥	100.0	

D: (PRIMAR	Y) 19	)14-19A	.6					<b>H</b> ,	<b>IRCH</b>							
COVER-A	ii) ia	168-196	6					TAI	LE 1			AREA	0011	SOU	TH CENTR	AL JA
					PERCEI	NT FRE	PUENCY	OF HEAT	IER OCCURR	ENCE BY	W1NN N		18.1	/./3	110.0E	
				PRECI	PITATIO	N TYPE	•									
HND DIR	RAI	N PAII		L PRI		OTHER FRZN	HAZ	PCPN A			R FOG	ER WEAT FUG		PHENDI SMOKE	1ENA Spray	
N	50.	0 .	٥	ο.		PCPN	l	UP 117	if HDUR	ŁTN	G WO PCPA	PCPN			BLWG DU	ST S
NE E		0 .0		٠.	0 .0			50.0	.0				.0	.0	.0	50
ŠF S	33.	3 .0	•	ο.			•0	33.3	20.0	40.	0 .0	٠.	0	•0	•0	40
Sw	. 1	0 .0	) .	:		.0	.0	.0	.0	33.		' '	,0	•0	٠0	66.
Nw Nw	25.1	8 .0		٠.	0 .0	.0	•0	.0 25.8	.0	25.	ō.		,0	•0	•0	100
VAR Calp	.0	٥. ٥	)	,		.0	•0	18.5	14.8	. (	ة. (		0	•0	•0	61
	٥.	• -	• • (	•		•0	•6	.0	33.3	32.3	• • •		0	~G	•0	60
TOT PCT	15.6		• • (	• •	• • • •	•0	•0	15.6	9.4	18.6	•		.0	•0	•0	33,
											•••	•		•0	•0	42.
								TAE	LE 2							
					PE	RCENT	FREQUE	NCY OF W	EATHER OC	CURRENCE	BY HOU	ı <b>k</b>				
HCUR	RAIN	• • • • •			ITATION	_					OTHER	WEATH!	ER PH	ENORE	NA.	
(GHT)		SHWR	DRZL	PCPN	SNOW	PRZH PCPN	HAIL	PCPN AT OB TIME	PCPN PAS HOUR	THOR LTNG	FOG WQ PCPN	FOG WE PCPN PAST H	3 SH H	OKE AZE B	SPRAY LWG DUST	NO SI
90360	12.5	.0	.0	.0	•0	.0	•0	12.5	.0		.0				LWG SMDH	ME
12615	30.0	۰0	.0	.0	•0	:0	••	30.0	.0	14.3	•0	.0	ı	•0	•0	87.
TOT PCT		.0	.0	.0	•0	.0	č	14.3	42.9	14.3	.0	.0	1	•0	•0	30.0
TOT CBS:	15.6 32	.0	.0	.0	•0	.0	•0	15.6	9.4	18.6	•0	.0		•0	•0	62.5
				PERCEN	TAGE FR	EQUENC	Y OF W	TABL IND DIRE	E 3 :TION BY !	SPEED AN	ову но	υR				
HND DIR	0-3 4	6-10 11					DTAL	PCT ME.	AN OF		06	HOUR (				
N	1.4	6.5	.1			_	280	FREQ SI	סי		70	V.	12	15	10	21
NE E	1.5	3.4	. 1	:0	.0	•0		5.1 5			3.4	4.8	4.2	•	0 12.9	12.5
SE :	2-1	6.9	.6	.0	.0	.0		1.2 67	3 8,	0 .0	15.5	2.9	9.9	•	0.5	6.7
Sh	2.5	9.4	.3 1.7	.0	.0	•0		5.9 4,	9 3.		9.5		12.0	• (	11.3	5.0
No.	4.9 1	3.2	6.5	.0	• 0	•0		3.7 6	9 7.	0 .0	21.6	25.0	4.2	• (	5.A	9.2
VAR	.0	.0	.0	.0		•0		6.8 7.	8 īa.	5 25.0	24.1 5.2	30.8	26.1	100.0	20.2	22.5
TOT CBS	7.6 94	211	48		_				0 8.	0 .0	. ^					27.9
TOT PCT ZE	).S S	9.4 11	5.5	. 6		.0	355 10	0.0	> <u>5</u>	100.0	38 100c0 1	32	71	100	11.3	8.3
													0.0	100.0	100.0	100.0
								TABLE	3A							
					MIND Z	reed ()	(NOTS)									
					-10 1	7-27 7	8-40	41+ T		T MEAN Q SPD		00	DUR 06 09	(GMT) 12 15	18	
		NND N Ni E	E	5.5	7-16 11 2.5 1.1 2.5	.0 .0	:0	41+ T		Q SPD D 5.8	10	00 03	06	(GMT) 12 15 15	18 21	

								MARCH							
PERIOD:	(PRIMARY) (OVER-ALL)	1914-196 1868-196						TARLE				AREA OF		CENTRAL	AVAL .
				PER	CENTAGE	FREQU	ENCY OF	WIND S	PEED BY	HOUR	(GMT)				
		HOUR	CALM	1-3	4-10			(KNDTS) 34-47	40+	HEAN	PCT FREQ	TOTAL Das			
		00£03 06£09 12£15 18£21 TOT	7.8 5.5 6.9 9.8	19.6 20.9 19.4 13.4	60.8 59.1 58.3 59.8 211	11.8 12.7 15.3 13.9	0. 1.1	.0	.0	6.7	100.0 100.0 100.0 100.0	\$1 110 72 122 355			
		PCT	7.6	18.9	59.4	13.5		• •0	.0		100.0				

TARLE 5
PCT FREO OF TOTAL CLUUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

5-7 8 & DBSCD

085CD C85

.C 5.4
.0 3.6
.0 3.6
.0 .0
7.1 3.6
6.3 17.9
11.6 5.4
.0 .0
3.6 3.6
9 12 28
32.1 42.9 100.0

MEAN CLOUD COVER

8.0 4.2 8.0 5.4 7.2 6.2 5.6 6.1

TOTAL NUMBER OF OBS:

				T,	ABLE 6					
	PERCE				CEILIN NH <5/					
150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH <5/8 ANY HGT	TOTAL OBS
•0	.c	.0	2.7	.0	.0	-0	•0	.0	•0	
.0	.0	•0	.0	.0	.0	•0	.0	.0	•0	
.0	.0	•0	3.6	•0	3.6	•0	•0	.0	7.1	
•0	.0	•0	.0	3.6	.0	•0	•0	.0	•0	
•0	.0	.0	.0	.0	.0	•0	.0	.0	•0	
.0	.0	3.6	3.6	.0	.0	• 0	.0	.0	10.7	
.0	3.6		.0	3.6	.0	.0	•0	.0	9.8	
.0	.0	.0	. 9	3.6	.0	• 0	•0	.0	11.6	
.0	.0	•0	.0	•0	.0	• 0	•0	.0	.0	
.0	, ò	.0	.0	•0	3.6	.0	•0	.0	7.1	
Ö	ı i	ž	ž	"	Ž	ō	Ť	ō	13	28
•0	3,6	7.1	10.7	10.7	7.1	•0	•0	.0	46.4	100.0

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NH)

				VSBY (NM	,			
CEILING	a DR	= OR	- OR	= DR	■ DR	= OR	■ DR	<ul><li>OR</li></ul>
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
= LR >6500	.0	•0	.0	.0	.0	.0	.0	.0
<ul><li>OR &gt;5000</li></ul>	.0	.0	.0	.0	.0	.0	.0	.0
<ul> <li>fir &gt;3500</li> </ul>	.0	3.6	7.1	7.1	7.1	7.1	7.1	7.1
<ul> <li>DR &gt;2000</li> </ul>	10.7	14.3	17.9	17.9	17.9	17.9	17.9	17.9
<ul> <li>OR &gt;1000</li> </ul>	17.9	25.0	28.6	28.6	28.6	28.6	28.6	28.6
- DR >600	25.0	32.1	35.7	35.7	35.7	35.7	35.7	35.7
■ FIR >300	28.6	35.7	39.3	39.3	39.3	39.3	39.3	39.3
■ DR >150	28.6	35.7	39.3	39.3	39.3	39.3	39.3	39.3
= UR > U	28.6	35.7	42.9	50.0	50.0	53.6	53.6	53.6
TOTAL		10	12	14	14	15	15	15

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

PCT FREQ NH <5/81

0 1 2 3 4 5 6 7 8 GBSCD GBS 7.1 10.7 10.7 7.1 10.7 3.6 14.3 14.3 7.1 14.3 28

							н	ARCH							
PERIOD: (PRIMARY) 1 (DVER-ALL) 1							TA	BLE B				ARE	A 0011	SOUTH CENTRAL 7.75 110.06	AVAL
		PE	RCENT	FREQ D	F WIND	DIRE ON WI	CTION TH VAR	AING A	URRENCE ALUES (	OR N	UN-OCC IBILIT	URRENC Y	E OF		
V58Y (MM)		N	NE	E	SE	\$	Sw	w	NW	VAR	CALM	PCT	TOTAL DBS		
<1/2	PCP ND PCP TOT %	.0	.0	•0	.0	.0 .3	•0	3.1 .0 3.1	3.1 3.1	.0 .0	•0	3.1 3.1 6.3			
1/2<1	PCP NO PCP TOT %	.0 .0	.0	.0 .0	.0	•0	•0	.0	•0	.0	•0 •0	.0			
1<2	PCP NO PCP TOT %	.0	•0	•0	.0	•0	•0	3.1 .0 3.1	3.1 .0 3.1	.0	•0	6,3 .0 6,3			
2<5	PCP ND PCP TDT %	2.3	.0	•0	.0	•0	•0	.0	.8 .0	.0	3.1 3.1	3.1 3.1 6.3			
5<10	PCP NO PCP TDT %	2.3 2.3	.0	3.1 3.1	.0	•0	•0	.0	.0 .8 .8	.0	•0	6.3 6.3			
10+	PCP ND PCP TDT %	.0	.0	.0 12.5 12.5	3.1 6.3 9.4	•0	15.6 15.6	16.0 16.7	.0 13.3 13.3	.0	6.3 6.3	3.1 71.9 75.0			

TOT CBS TOT PCT 4.7 .0 15.6 9.4

TABLE 9

.0 15.6 24.2 21.1 .0 9.4 100.0

	VSBY	SPD	N	NΕ	£	SE	S	SW	#	NW	VAR	CALM	PCT	TOTAL
\$\frac{1}{2}\$         \$\frac{1}{1}\$         \$\frac{1}{0}\$         \$1			•		•	••	-					****		DBS
11-21		0-3	.0	.0	.0	• 0	.0	0	,0	.0		.0	.0	
22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	<1/2	<b>→-</b> 17	.0	.0	.0	•0	.0	.0	.6		. 3			
TOT X . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 .		11-21	.9	.0	.0	.0	.0	.0			.0		.0	
0-3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		22+	٠0	.0	.0	.0	.0	.0		.0	.0		.0	
1/2<1		TOT #	.0	.0	•0	•0	•0	•6	.6	.6	.0	•0	1.2	
11-21		0-3	.0	.0	.0	•0	.0				.0	.0		
22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	1/2<1												.0	
TOT X .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0														
0-3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0														
142		TOT %	.0	.0	•0	.0	.0	•0	.0	.0	.0	•0	•0	
11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0					.0							•0		
22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	1<2													
TOT X .0 .0 .0 .0 .0 .0 .0 .0 .6 .6 .0 .0 .0 1,2														
0-3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1.2 2<5 4-10 .4 .0 .6 .0 .0 .0 .0 .0 .0 .7 .0 .1.7 11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 10T % .4 .0 .6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 5<10 4-10 1.3 .6 1.4 .0 .0 .0 .0 .0 .0 1.3 .0 .6 2.9  11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0													0	
2<5		TOT %	.0	•0	•0	•0	•0	.0	.6	.6	.0	•0	1,2	
11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0												.6	1.2	
22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	2<5												1.7	
TOT % .4 .0 .6 .0 .0 .0 .0 .1.3 .0 .6 2.9  5c10 4-10 1.3 .6 1.4 .0 .0 .0 .0 2.0 1.6 .0 .6 1.7  11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 2.3  22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0														
0-3 .0 .0 .0 .0 .0 .0 .0 .0 .6 .6 .0 .6 1.7  5c10 4-10 1.3 .6 1.4 .0 .0 .0 .2.0 1.6 .0 .6 .9  11-21 .0 .0 .0 .0 .0 .0 .6 .9 .9 .0 .2.3  22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  7DT % 1.3 .5 1.4 .0 .0 .0 .6 3.5 3.0 .0 .0 .8 11.0   6-3 1.4 1.7 .6 1.4 3.2 1.7 2.6 1.2 .0 5.8 19.7  10+ 4-10 5.2 3.2 8.4 9.0 2.6 9.8 7.9 10.5 .0 56.6  11-21 .0 .0 .3 .3 .0 1.4 3.5 2.0 .0 7.5  22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0														
5<10  4-10  1.3  .6  1.4  .0  .0  .0  .0  2.0  1.6  .0  6.9  11-21  .0  .0  .0  .0  .0  .0  .0  .0  .0  .		101 %	. •	.5	••	•0	•0	.0	.0	1.3	.0		2.4	
11-21 .0 .0 .0 .0 .0 .0 .6 .9 .9 .0 .0 .2,3 22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  TDT % 1.3 .5 1.4 .0 .0 .6 3.5 3.0 .0 .6 11.0  G-3 1.4 1.7 .6 1.4 3.2 1.7 2.6 1.2 .0 5.8 19.7  10+ 4-10 5.2 3.2 8.4 9.0 2.6 9.8 7.9 10.5 .0 56.6 11-21 .0 .0 .3 .3 .0 1.4 3.5 2.0 .0 7.5 22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0			.0	.0	.0	•0	.0				.0	.6		
22+ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5<10		1.3	.6	1.4	.0			2.0					
TOT % 1.3 .9 1.4 .0 .0 .0 .6 3.5 3.0 .0 .8 11.0  C-3 1.4 1.7 .6 1.4 3.2 1.7 2.6 1.2 .0 5.8 19.7  10+ 4-10 5.2 3.2 8.4 9.0 2.6 9.8 7.9 10.5 .0 56.6 11-21 .0 .0 .0 .3 .3 .0 1.4 3.5 2.0 .0 7.5 22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0					.0									
G-3 1.4 1.7 .6 1.4 3.2 1.7 2.6 1.2 .0 5.8 19.7  10+ 4-10 5.2 3.2 8.4 9.0 2.6 9.8 7.9 10.3 .0 56.6  11-21 .0 .0 .3 .3 .0 1.4 3.5 2.0 .0 7.5  22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0			.0		•0		•0						•0	
10+ 4-10 5.2 3.2 8.4 9.0 2.6 9.8 7.9 10.5 .0 56.6 11-21 .0 .0 .3 .3 .0 1.4 3.5 2.0 .0 7.5 22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		TOT \$	1.3	.5	1.4	•0	•0	.6	3.5	3.0	•0	.8	11.0	
11-21 .0 .0 .3 .3 .0 1.4 3.5 2.0 .0 7.5 22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0								1.7				5.8		
22+ .0 .0 .0 .0 .0 .0 .0 .0 .0	10+						2.6							
TOT % 8.6 4.9 9.2 10.7 5.8 13.C 14.0 13.7 .0 5.8 83.8													0	
		101 \$	4.6	4.9	7.2	10.7	5,8	13.C	14.0	13.7	.0	5.8	43,8	
	1	OT PET	8.4	5.5	11.3	10.7	5.8	13.6	10.6	19.2	.0	4.9	100.0	

HARCH

PERIOD: (PRIMARY) 1914-1966 (OVER-ALL) 1868-1966

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TABLE 10

AREA 0011 SOUTH CENTRAL JAVA 7.75 110.08

PERCENT FREQUENCY OF CRICING HEIGHTS (FEET, NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HDUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	6000+	TOTAL	NH <5/8 ANY HGT	POTAL OBS
£0300	12.5	.0	12.5	•0	12.5	.0	.0	.0	.0	•0	37.5	62.5	
05609	.0	.0	.0	28.6	14.3	14.3	.0	٠.	.0	•0	57.1	42.9	7
12615	25.0	.0	.0	•0	12.5	25.0	.0	.c	.0	•0	62.5	37.5	
18621	20.0	.0	.0	.0	•0	.0	40.0	.0	.0	•0	60.0	40.0	5
TOT	4	0	1	_ 2	3	3	_ 2	0	0	0	15	13	28

TABLE 11

TABLE 12

		PERCENT	FREQUE!	CY V58Y	(NH)	BY HOUR		CUMULAT	TVE PCT				VSBY (NM)	
HDUR (GMT)	<1/2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TOTAL OBS</th> <th>HDUR (GHT)</th> <th>&lt;150 &lt;50YD</th> <th>&lt;600 <b>&lt;</b>1</th> <th>&lt;1000 &lt;5</th> <th>1000+ AND5+</th> <th></th> <th>TOTAL DBS</th>	2<5	5<10	10+	TOTAL OBS	HDUR (GHT)	<150 <50YD	<600 <b>&lt;</b> 1	<1000 <5	1000+ AND5+		TOTAL DBS
€0300	.0	٠.	4.C	.0	8.0	88.0	25	00603	12.5	25.0	25.0	12.5	62.5	8
05609	.0	.0	.0	2.1	4.3	93.6	47	90360	.0	.0	28.6	28.6	42.9	7
12615	2.5	.0	2.5	2.5	7.5	85.0	40	12615	25.0	25.0	25.0	37.5	37.5	
18621	1.6	.0	.0	4.9	19.7	73.8	61	18621	20.0	20.0	40.0	20.0	40.0	5
TOT PCT	1.2	.0	1.2	2.9	19 11.0	145 83.8	173 100.0	TOT PCT	14.3	17.9	28.6	25.0	13 46.4	28 100.0

TARLE 13

TABLE 14

	PERC	ENT FR	EQUENC	Y OF R	EL AT I V	E HUMI	DITY BY	r TEMP	70-44			PERC	ENT FR	EQUENCY	/ OF W	IND DI	RECTIO	N BY T	EMP	
TEMP F	0-29	30-39	40-49	50.59	60-69	70-79	80-89	90-100	TOTAL	PCT FREQ	N	٩E	E	SE	5	SW	W	NW	VAR	CALM
90/94	.0	.0	.0	.0	.0			.0	1	5.0	.0		5.0		.0	10.0	:0	.0	.0	.0
85/89	.0	.0	•0	•0					4	20.0	•0	.0		.0	.0	10.0	.0	.0	•0	.0
80/84	.0	.0	.0	.0	.0	30.0	45.0	•0	15	75.0	•0	.0	10.0	10.0	.0	10.0	20.0	20.0	-0	5.0
TOTAL	٥	0	0	0	-	9	•••	0	20	100.0										
PCT	٠,0	•0	•0	.0	5.0	45.0	50.0	•0			•0	•0	25.0	10.0	۰,	20.0	20.0	20.0	•0	5.0

TABLE 15

	4EANS,	EXTREMES	AND	PFRCE	VTILES	OF TE	4P (DE	G F) (	BY HOUR		PERC	ENT FRE	ONENÇA	OF RELA	TIVE HL	YTIGIH!	84 HD76	ŧ
HIJUR (GMT)	MAX	998	95%	50%	54	14	MIN	MEAN	TOTAL	HDUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	HEAN	TOTAL DBS
£0300	88 91	87 89	85 88	82 84	78 79	77	77		51 108	60300 60300	.0	.0	16.7	1:0.0	16.7	.0	76 74	6
12615	86 85	85	85	82 81	7A 7A	77 76		80.8	72 122	12615 18621	.0	.0	•0	16.7	100.0	.0	84 83 79	4
TOT	91	8.8	86	82	78	77	76	82.0	353	TOT	0	0	1	7	10	U	79	50

PERIOD: (PRIMARY) 1914-1966 (DVER-ALL) 1868-1966

TABLE 17

AREA 0011 SOUTH CENTRAL JAVA 7.75 110.0E

PCT FREQ OF A.R "EMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	77 80	81 84	85 88	89 92	TOT	# FDG	₩D FDG
6 5	.0	•0	.0	3.3	1	.0	3,3
5	.0	•0	3.3	.0	1	.0	3,3
4	.0	.0	3.3	.0	1	.0	3,3
2	.0	•0	6.7	.0	2	.0	6.7
ī	.0	6.7	.0	.0	2	.0	6.7
ō	.0	10.0	.0	.0	3	.0	10.0
-1	.0	6.7	3.3	.0	3	.0	10.0
-ž	3.3	16.7	.0	.0	6	.0	20.0
-2 -3 -4	.0	16.7	.0	.0	5	.0	16.7
-4	.0	13.3	.0	.0	4	.0	13.3
-5	6.7	.0	.0	.0	2	.0	6.7
TOTAL	3		5	•		0	30
		21		1	30		•
PCT	10.0	70.0	16.7	3,3	100.0		100.0

PERIOD: (DVER-ALL) 1963-1966

TABLE 18

				P¢	T FRED	OF WIND	SPEED	(KTS)	AND DIREC	י אפנד:	ERSUS S	EA HEIG	HTS (FT)		
				N								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	•0	•0	.0	•0
3-4	.0	.0	•0	.0	.0	.0	.0		•0	•0	.0	•0	•0	.0	•0
5-6	•0	.0	•0	.0	•0	•0	.0		•0	.0	•0	•0	•0	.0	•0
7	.0	.0	•0	•0	.0	•0	.0		•0	•0	.0	•0	•0	.0	•0
8-9	.0	.0	•0	.0	.0	•0	.0		•0	.0	.0	•0	•0	.0	•0
10-11	٠.	.0	•0	.0	.0	•0	• •		•0	•0	.0	•0	•0	.0	•0
12 13-16	.0	.0	•0	.0	•0	•0	.0		.0	.0	.0	•0	•0	٠.٥	•0
17-19	:0	.0	•0	.0	.0	•0	.0		•0	.0	.0	•0	•0	.o .o	.0
20-22	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
23-25	ĕ	:6	•0	:0	.0	.0	.0		iŏ		.0	:0	:0		.0
26-32	؞ٙ		•0	.0	.0	.0	.0		.0	ě	.0	•0	.0	.ö	.0
33-40	٥		•0		.0	.0	ŏ		ő	ŏ		.0	.0	ö	
4:-48	ō		.0	.0	ň	.0	,ŏ		.0	.0		.0	.0		.0
49-60	.o	.0	.0	.0		.0	, 6		ŏ	.0	.0	.0	.0	.ŏ	•0
61-70	.5		•0		.6	.0	.0		.0	ò	.,	.0	•0	.6	.0
71-86	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.ö	.0
				_											
HGT	1-3	4-10	11-21	£ 22-33	34-47	48+	PCT		1+3	4-10	11-21	\$£ 22 <b>-33</b>	34-47	48+	PCT
<1	1.0	.0	•0	.0	.0	0	0		.0	.0	•0	•0	.0	•••	
1-2	٠٥		•0			.0	:0		.0	.0	.0	ě	.0	:0	.0
3-4	.0	.ŏ	ŏ	.0	.0		.0		'n	ŏ	.0	.0	.0	.0	.0
5-6	.ŏ	.ŏ	.0	.ŏ	.ŏ		ŏ		Ö	ŏ			ŏ	.ŏ	
7	ě	.0	.0	.0		.0	č		.0	.0			.0	.0	•0
8-7	ò	.0	•0	.0	.0	.0	. 5		.0	.0	.0	.0	iò	.ŏ	.0
10-11	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	.0	.0	.0
12	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	-0	•0	.0	•0
13-16	.0	.0	•0	.0	.0	•G	.0		•0	.0	.0	.0	.0	•0	•0
17-19	.0	.0	•0	.0	.0	.0	.0		•0	•0	.0	.0	.0	•0	•0
20-22	.0	.0	•0	.0	.0	•0	.0		•0	•0	.0	•0	•0	.0	•0
23-25	.0	•0	•0	.0	.0	.0	.0		•0	•0	•0	٠٥.	•0	.0	•0
26-32	•0	.0	•0	.0	.0	•0	.0		•0	.0	•0	•0	•0	•0	•0
33-40	.0	.0	•0	•0	•0	•0	•0		•0	•0	.0	•0	•0	•0	.0
41-48	٠.	.0	•0	.0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0
49-60	•0	-0	•0	.0	.0	•0	•0		•0	•0	•0	•0	•0	•0	•0
61-70 71-86	.0	.0	•0	.0	٠.	• 0	•0		•0	•0	.0	•0	•0	.0	•0
			•0	.0	•0	•0	.0		.0	.0	.0	.0	•0	•0	•0
874 TOT PCT	.0	.0	•0	•0	•0	•0	.0		•0	.0	•0	.0	•0	•0	•0

FERIO	D: (0\	ER-ALL)	1943-	1966					HARCH								
				• , • •				TABLE	10 (CONT	,			AREA	0011	.75 110	ENTRAL	AVAL
				P	T FREQ	OF WIND	SPEED	(KTS)	AND DIRE	CTION	VERSUS	SEA HEIG	SHTS (FT)			-	
HGT	1-3	4-10	11-21	5 22-33	34-47	48+	PCT					Sw					
<1	.0		.0	0	.0	••	•0		1-3	4-10		22-33	34-47	48+	PCT		
1-2	.0		•0	.0	ò	.0	.0		•0	14.3	.0	•0	•0	.0	14.3		
3-4	.0	.0	.0	.0			.0		.0		•0	.0	•0	.0	14.3		
5-6	.0		.0	.0	.0	.0			.0	ŏ	•0	•0	•0	.0	0		
7	.0	.0	.0	.0	.0	.0	.0		.0	.0	•0	•0	•0	.0	•0		
8-9	.0		•0	.0	.0	.0			.0	.0	.0	•0	•0	.0	•0		
10-11	.0		.0	.0	.0	.0	.0		ŏ	ő	.0	•0	•0	.0	•0		
12	.0		•0	•0	.0	.0	•0		ő	ŏ	.0	•0	•0	•0	•0		
13-16	.0		•0	•0	.0	.0			.0	.0	.0	٠,٥	•0	•0	.0		
17-19	.0		• 0	.0	.0	•0	.0		ň	ŏ	:0	•0	•0	•0	•0		
20-22	٠.		•0	.0	.0	•0	.0		ő	.0	٥:	•0	•0	•0	•0		
23-25	٠.		•0	.0	.0	•0	.0			.0	.0	•0	•0	•0	•0		
26-32	.0		•0	.0	.0	•0			ň	ŏ	.0	•0	•0	.0	•0		
33-40	.0		.0	.0	.0	.0	.0		ő	.0		•0	•0	•0	•0		
41-48	.0		•0	.0	.0	•0	.0		ő	.0	.0	.0	•0	.0	•0		
49-60	.0		•0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0		
61-70	.0		•0	.0	.0	•0	.0		.0	.0	.0	.0	•0	.0	•0		
71-86	.0		•0	•0	.0	.0	.0		. 0	.0	.0	.0	.0	.0	.0		
87+	.0		•0	•0	.0	•0	.0		, 0	.0	.0	.0	٥	.ŏ	•0		
TOT PCT	.0	.0	•0	•0	.0	.0	•0		.0	28.6	.0	.0	.0	.0	28.6		
				3.1													
HGT	1-3	4-10	11-21	22-33	34-47							NW				TOTAL	
<1	14.3	.0	.0	.0	0.0	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT	
1-2	.0	14.3	•0	•0	.0	•0	14.3		•0	•0	•0	•0	•0	.0	.0	-	
3-4	.0	•0	14.3	·ŏ	:6	.0	4.3		•0	•0		•0	•0	.0	•0		
5-6	.0	.0	•0	.0	.š		• • •		•0	•0	28.6	•0	•0	•0	28.6		
7	.0	.0	•0	•0	.0	.0	.0		.0	•0	•0	•0	• 0	.0	•0		
8-9	.0	.0	•0	.0	ě	.0	ě		.0	•0	•0	•0	•0	.0	.0		
10-11	.c	.0	•0	.0	.0	•0	.0		.0	.0	•0	•0	•0	.0	•0		
12	.0	.0	.0	.0	.0	.0	.0		ŏ		.0	•0	•0	.0	•0		
13-16	٠.	.0	•0	.0	.0	•0	•0		ő	.0	.0	•0	•0	.0	•0		
17-19	٠.	.0	•0	.0	.0	•0	.0		.ŏ	.0	•0	•0	•0	.0	•0		
20-22	.0	.0	•0	• 0	.0	• 0			ŏ	.0		•0	•0	•0	•0		
73-25	.0	.0	•0	•0	.0	•0	• 0		ŏ	.0	.0	•0	•0	•0	•0		
26-32	٠.	.0	•0	•0	.0	•0	. 0		iñ	. 0	.0	.0	•0	.0	•0		
33-40	.0	.0	•0	•0	.0	.0	.0		.0	.0	.0	.0	.0		•0		
41-48	.0	.0	•0	-0	.0	•0	•0		.0	.0	.0	.0	•0	.0	.0		
49-00	.0	.0	•0	•0	.0	.0	•0		.0	.0	ě	•0	•0	.0	•0		
61-70	• • •	•0	• 0	•0	.0	•0	•0		.0	.0	.ŏ	•0	•0	.0	•0		
71-86 87+	.0	•0	•0	•0	.0	•0	•0		ő	ě	.0	•0	.0	.0	•0		
TOT PCT	0	0	0	•0	• ^	•0	•0		.0	. 0	.0	•0	•0	.0	.0		
igi #g1	14.3	14.3	14.3	•0	.0	•0	42.9		•0	.0	28.6	.0	•0	.0	28.6	100.0	

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	~2-33	34-47	48+	PCT	TOT
<1	14.3	14.3	.c	.0	.0	.0	28.6	085
1-2	.0	28.6	.c	ŏ		.,	28.6	
3-4	.0		42.9	ŏ	.0	.0		
5-6	•0		.0		.0		42.9	
7		.0	.0			.0	.0	
8-9	.ŏ	.0		• ?	•0	.0	.0	
10-11	.0			•0	.0	.0	.0	
12		•0	٠.	•0	.0	.0	.0	
	•0	•0	•¢	•0	.0	.0	.0	
13-16	•0	•0	.0	.0	.0	.0	.0	
17-19	•0	•0	.c	.0	.0	.0	.0	
50-55	•0	.0	.0	.0	.0	.0	.0	
23-25	•0	•0	.0	.0	.0	.0	.ŏ	
26-32	.0	.0	.0	.0	.0	.0		
33-40	.0	.0	. C	. 0	.0	.0		
41-48	.0	.0	.c	.0		.0		
49-60	.0	.0		ŏ		.0		
61-70	.0		.;	ŏ	.0		•0	
71-86	.0	.0	č			.0	•0	
87+	.ŏ			•0	.0	.0	.0	
•/•	.0	.0	.c	•0	. 3	.0	.0	
TCT PCT	14.3	42.9	42.9	.0	.0	.0	100.0	7

PERIO	D: (OV	ER-ALL	) 199	50-1966	•				TABLE 19												
					PERCENT	FRE	DUENCY D	F WAY	E HEIGHT	(FT	) VS	HAVE PE	FRIDD	(SECON	) <b>S</b> }						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	1-9	10-11	12	13-16 17-	-19	20-22	23-25	25-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN
<6 6≈7	10.5	.0	10.5	10.5	.0	.0	.0	.0	•0	.0	:0	.0	.0	.0	.0	.0	.0	.0	.0	•	HGT
8-9 10-11	.0	.0	.0	5.3	5.3	5.3	•0	.0	.0	:6	:0	:0	:0	.0	.0	:0	:0	.0	.0	4	7
12-13 >13	•0	.0	.0	.0	.0	.0	•0	٠.	.0	:0	.0	.0	.0	•0	:0	:8	.0	.0	.0	0	
INDET	26.3	5.3 1	10.5	.0	.0	٠ŏ	ij	.0	• • • • • • • • • • • • • • • • • • • •	:0	.0	.0	.0	•0	.0	:0	.0	.0	.0	0	1
PCT	36.8	5.3	31.6	15.8	5.3	5.3	.ŏ	. 0	.0	. 0	.0	. 0	0	0	ō	0	0	0	0	19	j

TABLE 1

AREA 0011 SOUTH CENTRAL JAVA 7.85 110.1E

PERCENT	FREQUENCY	QF	WFATHER	DCCHARENCE	BY	WIND	DIRECTION
---------	-----------	----	---------	------------	----	------	-----------

				RECIPI	TATIO	TYPE					DTHER	WEATHER	PHEND	MENA	
WND SIR	RAIN	PAIN SHWR	DR7L	FRZG PCPN	SNDW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR	#OG #O PCPN	FOG WO PCPN PAST HR	SHOKF HAZE	SPRAY RENG DUST BENG SNOW	
N NE E SF S S S W M NH VAR CAL H	10.8	.0 2.5 13.5 .0 .0	.0				00000000000	2.5 24.3 0.0 0.0	.0	13.8	.0 7.5 2.7 .0 .0	.00	.00	.0	100.0 100.0 76.3 76.3 100.0 100.0 100.0
TOT PCT	3.0 52	5.8	.0	.0	•0	.0	.0	9.6	•0	7.7	3.8	•0	.0	•0	80.8

TABLE 2

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	TATIO	TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	PAIN SHWR	DRZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST RLWG SNOW	
00£03 06£09 12£15 18£21	7.7 .0 .0 5.0	7.7 9.1 .0 5.0	.0	.0	•0	.0	.0	15.4 9.1 .0 10.0	.0 .0 .0	.0 9.1 20.0	0. 1.9 1.9	.0	.0		84.6 81.8 81.8 75.0
TOT PCT TOT DBS:	3.6 55	5.5	•0	•0	•0	•0	•0	9.1	•0	9.1	3.6	•0	•0	•0	80.0

TABLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			22-33		48+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	69	HDUR 09	(GHT) 12	15	18	21
N	1.2	3.7	.5	.0	.0	.0		5.4	5.9	12.0	.0	4.1	1.6	2.3	.0	5.8	6.9
NE	1.1	3.9	1.0	.0	•0	.0		6.0	7.0	14.0	•0	5.8	. 8	6.4	.0	4.3	4.2
E	1.9	16.9	12.2	.2	•0	.0		31.2	9.8	33.3	50.0	34.9	27.8	23.8	25.0	33.5	33.3
S€	2.2	19.5	10.2	.7	.0	•0		32.6	9.4	17.7	50.0	31.4	42.1	39.5	75.0	32.0	31.9
5	1.1	3.0	. ?	.1	•0	.0		4.5	6.1	5.0	•0	4.7	7.1	6.7	.0	1.2	2.8
Sw	.5	3.5	.6	.0	•0	.0		4.7	8.0	2.0		3.5	11.1	9.6	.0	2.1	• 7
₩	1.5	3.4	. 4	.0	.0	.0		5.3	6.0	6.0	.0	4.;	4.0	6.4	.0	7.6	3.5
Nw	1.8	2.8	. 4	.0	•0	.0		5.0	5.7	7.3		4.7	4.0	2.9	.0	4.9	6.9
VAR	.0	.0	.0	.0	.0	.0		.0	.0	.0	•0	.0	.0	.0	.0	.0	• 5
CALW	5.3							5.3	:0	2.7	•0	7.0	1.6	2.3	•0	8.5	9.7
TOT DBS	78	256	120	5	0	0	469		8:1	75	3	86	63	86		82	72
TOT PCT	16.6	56.7	25.6	1.1	•0	•0		100.0			100.0		100.0		100.0		100.0

## TABLE 3A

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	HOU! 06 09	(GMT) 12 15	18 21
N	3.6	1.8	•0	.0	.0		5.4	5.9	11.5	3.0	2.3	6.3
NE	3.1	2.8	•0	.0	.0		6.0	7.0	13.5	3.7	6.3	4 . Z
£	9.2	19.5	2.3	.2	.0		31.2	9.4	34.0	31.9	23.9	33.4
SE	11.1	18.1	3.2	.2	.0		32.6	9.4	10,9	35.9	40.3	32.0
5	3.0	1.2	•2	.0			4.3	6,1	4.6	5.7	7.5	1.7
Šu	1.6	2.9	• 2	.0			4.7	1.0	iii	6.7	9.4	1.5
¥	3.2	2.1	.0		.0		5.3	6.0	5.6	4.0	6.3	5.7
ÑW	3.2	1.4	٠ŏ	ŏ				5.7	7.1			
VAR							5.0			4.4	2.8	5.8
	.0	•0	•0	•0	.0		.0	.0	.0	.0	.0	•0
CALM	5.3						5.3	.0	2.6	4.7	2.3	9.1
TOT DRS	204	235	28	Z	٥	469		0.1	78	149	- 11	154
TOT PCT	43.5	50.1	6.0	. 4	.0		100.0		100.0	100.0		

PERIOD: (PRIMARY)	1914-196	,						-							
(DVER-ALL)							TARLE	• •			VAEV	0011	7.85	CENTRAL 110.1E	. JAVA
			PER	CENTAGE	FREQU	ENCY OF	WIND	SPEED BY	HOUR	(GPT)					
	HOUR	CALM	1-3	4-10		SPEEC 22-33			MEAN	PCT FREQ	TOTAL DBS				
	00603 06609 12612 18621 TUT PCT	2.6 4.7 2.3 9.1 25 5.3	16.7 10.7 10.2 9.7 53	59.0 57.0 59.1 53.9 266 56.7	21.8 26.8 26.1 26.0 120 25.6	2.3 1.3	:	0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	8.2	100.0 100.0 100.0 100.0	78 149 #5. 154 469				

TAPLE 5

TABLE 6

												٠,						
1	PCT FRE			C( )00 A 0 UIREC		(EIGHTHS)		1	PERCEN	TAGE F	REQUEN	CY OF	CEILIN	G HE16	HTS (	T,NH :	>4/8) DN	
HND DIR	0-2	3-4	5-7	3 6 08500	TCTAL CBS	CLOUD COVER	000 149	150 299	300 599	607 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH <5/8	
N	.0	.0	• 0	3.1		8.0	•0	• 0	3.1	•0	.0	.0	.0	.0	•0	.0	•0	
ΝE	٠.	.0	.0	2.1		8.0	• 0	. 5	1.0	.0	1.0		ŏ	.0				
£	20.8	3.1	8.3	7.3		3,3	•0	.0		.0	7.3	Š			•0	•0		
ŠE	.0	13.5	22.9			5.1	.0	ő	.0	.0			.•0	• 2	• 0	•0	32.3	
\$	.0	.0	5.2	3.1		6.7	• 5				2.1	4.2	1.0	•0	•0	•0	30.2	
ŠW	.0	. 6	1.0						•0	•0	2.1	3.1	3,1	•0	•0	•0	•0	
3"						6.0	• 0	• 0	•0	•0	.0	1.0	.0	•0	•0	• 0	•0	
	٠.	.0	•0	•0		•0	•0	•0	•0	.0	.0	•0	.0	•0	.0	.0	•0	
NA	.0	.0	•0	•0		•0	•0	• າ	.0	.0	.0	.0	.0	.0	• 6	.0	•0	
VAR	• 0	•0	•0	•0		•0	•0	•0	.0	.0	.0	.0	.0	•0	•0	.0	.0	
CALM	8.3	.0	.0	•0		1.0	•0	• 0	.0	.0	.0	.0	.0	•0	-		8.3	
TOT DBS	7	4	9	4	24	4.3	ō	້ຳ	71		• • • •	• • •	·ĭ	•0	• 0	• 0	17	24
TOT PCT	29.2	15.7	37.5	16.7	100.0	. • •	•0	• 0	4,2	.ŏ	12.5	8.3	4.2	•0	•0	• 3	70.8	100.0
							-	•	<b>-</b>				****	• •	• •	.,	1.700	10010

TABLE 7 CUMULATIVE PCT FREQ DF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH )4/8) AND VSBY (NH)

				VSBY (NY	,			
CEILING	# DR	• DR	<ul><li>DR</li></ul>	• ng	= OR	• OR	= OR	• OR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YF	>0
■ TR >6500	.0	•0	.0	.0	.0	.0	•0	.0
<ul> <li>□ □4 &gt;5000</li> </ul>	.0	•0	.0	.0	.0	.0	• 0	
■ CR >3500	.0	• 0	4.0	4.0	4.0	4.0	4.0	4.0
■ PR >2000	4.0	4.0	12.0	12.0	12.0	12.0	12.0	12.0
■ PR >1000	16.0	16.0	24.0	24.0	24.0	24.0	24.0	24.0
■ PR >600	16.0	16.0	24.0	24.0	24.0	24.0	24.0	24.0
• DR >300	20.0	20.0	28.0	28.0	28.0	20.0	28.0	28.0
# OR >150	20.0	20.0	28.0	28.0	28.0	28.0	28.0	28.0
• CR > 0	20.0	20.0	28.0	28.0	28.1	28.0	28.0	
TOTAL	5	5	7	7	7	7	7	28.0

TOTAL NUMBER OF CBS: 25

PCT FREG NH <5/81 72.0

TABLE 74 PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 ' 6 7 8 DBSCD DBS 14.2 7.7 11.5 26.9 7.7 7.7 7.7 3.8 7.7 .0 26

							-	,						
PERIOD: (PRIMARY) 19 (OVER-ALL) 18							TAE	LE 8				ARE	4 0011	SOUTH CENTRAL JAVA 7.85 110.1E
		PI	RCENT		OF WINI IPITAT:							URRENÇ Y	E OF	
VSBY (NM)		N	NE	E	\$ E	S	Sw	¥	NW	VAR	CALM	PCT	TOTAL DBS	
<1/2	PCP ND PCP TDT %	.0 .0	.0	•0	.0	•0	.0 .0	.0	.0	••	.0	.0		
	PCP	•0	.0	•0	.0	•0	.0	.0	.0	.0	•0	.0		
	NO PCP TOT %	°.	.0	•0	.0	•0	.0	.0	•0	•0	•0	.0		
1<2	PCP ND PCP TOT %	.c .c	.0	•0	•0	•0	•0	.0	.0	•0	•0	.0		
	PCP ND PCP	1.0	1.0	•0	1.9	1.4	•0	.0	.0	.0	•0	1.9		
	TOT % PCP	1.0	1.0	1.0	2.4 6.7	.0	•0	.0	.0	.0	•0	5.8 7.7		
5<10	NO PCP	.0	.0	15.9	7.2	•0	•0	.0	1.9	•0	•0	25.0 32.7		
10+	PCP ND PCP TDT %	1.4 1.4	2.9 2.9	.0 21.6 21.6	19.2 19.2	2.4 2.4	.0 1.2 1.0	3.4 3.4	•0	.0	9.6 9.6	61.5 61.5		
	OT DES	2.4		38.5		3.8	1.0	3.4	1.9	.0		100.0	52	

TARLE 9

( NH )	KTS	N	NE	E	\$F	5	SW	#	NH	VAR	CALM	PCT	TOTAL
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	٠.	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	٠٥	•0	•0	.0	.0	.0	.0	.0		•0	
	TOT %	.0	•0	•0	•0	.0	•0	.0	.0	.0	•0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	٠,	•0	.0	•0	.0	.0	.0	.0	.0		.0	
	11-21	•0	•0	•0	•0	.0	.0	.0	.0	.0		.0	
	22+	.0	•0	.0	• •	•0	.0	•0	.0	.0		.0	
	TOT %	.0	.0	•0	•0	•0	.0	.0	.0	.0	•0	•0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	•0	• 0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	•0	•0	.0	.0	•0	.0	.0		.0	
	22+	.0	•0	.0	•0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	•0	•0	•0	•0	.0	•0	.0	.0	•0	•0	
	0-3	.4	.5	•0	- 1	.3	.0	• 2	. 2	.0	.0	1.2	
2<5	4-10	. 2	.2	•0	• 4	•0	.0	. 6	. 2	.0		1.6	
	11-21	.0	.0	•0	•0	• 0	• 0	.0	.0	.0		.0	
	22+	.0	.0	•0	•0	•0	.0	.0	.0	٠.	_	0	
	TOT \$	.6	•5	•0	.5	. 3	.0	• •	.4	•0	.0	2.7	
	0-3	.2	•0	.2	. 2	•0	.0	.4	. 2	.0	.4	1.6	
5<10	4-10		• 0	1.6	1.2	•0	٠,٥	• 6	. 6	.0		4.7	
	11-21	.0	•0	2.8	2.6	•0	.0	.2	. 2	.0		5.9	
	22+	0	.0	.0	.0	•0	.0	0	0	.0	_	0	
	TOT %	1.0	•0	4.6	4.0	•0	.0	1.2	1.0	•0	• •	12.2	
	0-3	6		1.2	•	1.2	.6	. 4	1.2	.0	5.9	12.5	
10+	4-10	3.7	3.6	15.6	15.9	2.5	5.3	3.2	2.5	.0		52.5	
	11-21	.3	.5	10.2	7.1	•0	1.2	.6	٠.٢	•0		20.0	
	22+	0	0	0	0	.0	9	.0	0	•0		0	
	<b>707 %</b>	4.6	5.1	27.0	23.7	3.6	7.1	4.2	3.9	.0	5.9	65.1	
	TOT PCT	6.2	5.3	31.6	28.2	3.9	7.1	6.2	5.3	.0	4.9	100.0	255

								APR	IL							
PERIOD:	(PRIMARY) 1914- (DVER-ALL) 1855-							TARLE	10			AF	EA 0011	50UTH 7.85 1	CENTRAL JAV	,
				PER	CENT F				IG HE10		EET, NH	>4/81 /	ND			
	HOUR (GHT)	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8			
	00003	.0	.0	.0	•0	28.6	14.3	14.3	.0	.0	•0	57.1	42.9	7		
	06609	.0	.0	.0	.0	•0	.0	.0	-0	.0	.0	.0	100.0	, 4		
	12615	.0	.0	.0	•0	•0	16.7	.0	.0	.0	•0	16.7	83.3	6		
	18621	.0	.0	11.1	•0	11.1	.0	.0	.0	.0	•0	22.2	77.0	9		
	TOT PCT	.0	.0	3.8	.0	3 11.5	7.7	3.8	.0	.0	•0	7 26.9	73 - 1			

ζ,

				TABLE 1	1.2						TABLE	12		
		PERCENT	FREQUE	-CY VS81	r (NH)	BY HOUR		CUMULAT					VSRY (NM) NUCH YE'LL	
HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS	HOUR (GMT)	<150 <50YD	<600 <b>&lt;</b> 1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL OBS
00803	.0	.0	•¢	6.8	9.1	84.1	44	00603	•0	•0	28.6	28.6	42.9	7
06609	.0	.0	.c	.0	7.2	92.8	69	06809	•0	•0	.0	•0	100.0	4
12615	.0	.0	.0	2.0	15.7	82.4	51	12615	•0	•0	•0	16.7	83.3	6
18221	.0	.0	.0	3.2	14.9	61.9	94	18621	.0	12.5	12.5	12.5	75.0	8
TOT PCT	.3	.0	°.	2.7	31 12.0	220 85.3	25ê 100.0	707 PCT	.0	4.0	12.0	16.5	18 72.0	25 100.0

				τ.	ARLE 13	•									TABLE	14				
	PERCE	NT FF	EOUENC	JF A	ELATIVE	HUMI	DITY BY	TEMP	TOTAL	PET		PERC	ENT FR	EQUENC	Y OF W!	NO DIR	ECTIO	8Y T	£ MP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FREQ	N	NE	E	SE	S	SW	W	NW	VAR	CALM
85/89 80/84 TOTAL		.0	0	•0	3.2	12.9 25.8 12	45.2	9.7 3	26	16.1 #3.9 100.0	2.4	4.8	3.2 45.2	9.7 17.7	4:8	:0	.0	3.2	:0	3.2 6.5
PCT	.0	•0	•0	•0	3.2	38.7	48.4	9.7			2.4	4.8	48.4	27.4	4.0	.0	.0	3.2	•0	9.7

				TAR	LF 15					TABLE 16	
	"EANS,	EXTREMES	AND	PERCEN	TILFS	OF TEN	P (DE	G F) 8	Y HOUR	PERCENT FREQUENCY OF RELATIVE MUMIDITY BY HOUR	
HOUR (GMT)	KAM	998	95%	50%	51	14	MIN	HEAN	TOTAL DBS	HOUR 0-29 30-59 60-69 70-79 80-89 90-100 MEAN (GMT)	TOTAL
£0300 <b>£</b> 0360	86 92 88	87 91	84	82 84	77 81	76 79 79	76 78 79	81.7	78 144	00£03 .0 .0 .0 25.0 62.5 12.5 83 06£09 .0 .0 14.3 71.4 14.3 .0 74	8
12615 18621 TOT	85 92	86 84 89	86 84 37	83 82 82	81 78 79	77 77	77 76	87.9 81.4 82.6	87 154 463	12615 .0 .0 .0 57.1 28.6 14.3 81 18621 .0 .0 .0 18.2 63.6 18.2 86 TDT 0 0 1 13 15 4 81	7 11 33

PERIOD: (PRIMARY) 1914-1967 (OVER-ALL) 1855-1967

TABLE 17

AREA COLL SOUTH CENTRAL JAVA 7.85 110.16

PCT FRED OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (FITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	77 60	81 84	85 88	TOT	FDG	MD FOG
4	.0	.0	2.1	1	.0	2.1
3	.õ	• 0	2.1	1	.0	2.1
2	.0	6.3	4.2	1 5	2.1	8.3
ī	·ŏ	6.3	2.1	4		1.3
2 1 0	4.2	20.0	2.1	13	2.1	25.0
-1 -2 -3	2.1	8.3	.0	5	.0	10.4
-2	4.2	14.6	.0	9	.0	10.8
-3	.0	4.2	.0	2	.0	4.2
-4	4.2	4.2	.0	4	.0	1,3
-5	2.1	4.2	. 0	4	.0	6.3
-6	2.1	.0	.0	1	.0	2.1
TOTAL	9		6	-	2	46
		33		48		
PCT	18.8	68.8	12.5	100.0	4.2	95.8

PERIOD: (OVER-ALL) 1963-1967

				<b>₽</b> C	T FRED D	F WIND	SPEED	(KTS) AND	bIREC	TION V	ERSUS S	EA HEIG	HTS (FT)		
				N								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PÇT
<1	.0	.0	•0	•0	.0	.0	.0		•0	•0	.0	•0	•0	٠,٥	.0
1-2	.0	٠0	•0	•0	.0	.0	• 0		•0	.0	.0	•0	•0	.0	.0
3-4	.0	.0	6.3	•0	•9	.0	6.3		•0	•0	2.1	•0	•0	•0	2.1
5-6	•0	.0	•0	•0	.0	.0	•0		•0	.0	.0	•0	•0	.0	.0
7	.0	.0	•0	• 0	•0	.0	•0		• C	.0	•0	•0	• 0	.0	.0
8-9	.0	.0	•0	•0	.0	.0	•0		•0	•0	.0	•0	•0	٠.	•0
10-11	٥.	.0	•0	.0	• 3	.0	•0		.0	•0	••	•0	•0	.0	.0
12	.0	.0	•′	•0	.0	.0	•0		•0	•0	•0	•0	•0	:5	.0
13-16	.0	.0	•0	.0	.0	.0	•0		.0	.0	•0	•0	•0		.0
17-19	•0	.0	•0	.0	.0	.0	•0				•0	•0	•0	٠٥.	.0
20-22	•0	.0	•0	.0	••	.0	•0		•0	•0	.0	.0	•0	٠٥	.0
23-25	٠,0	.0	•0	•0	.0	.0	•0		•0	•5	•0	•0	•0	•0	.0
26-32	٠.	.0	•0	•0	.0	٠.٥	•0		.0	.0	•0	•0	•0	.0	.0
33-40	٠.	.0	•0	•0	.0	.0	•0		.0	.0	•0		•0	:0	:0
41-48	٠.	.0	•0	•0	.0	.0	•0		.0	.0	.0	•0	•0	.0	.0
49-00	.0	.0	•0	.0	.0	.0	•0						.0	:0	.0
61-70	.0	.0	•0	• 0	.0	•0	•0		.0	.0	.0	•0		.0	.0
71-86	٠,	.0	•0	•0	.0	•0	•0		.0	.0	.0	•0	•0	:0	:0
87+	. ;	.0	.0	.0	•0	.0	0		.0	.0	٠,٠	•0	•0	.0	2.1
TOT PCT	.0	.0	6.3	•0	•0	•0	6.3		•0	•0	2.1	.0	•0	.0	2.1
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.0	.0	.0		•0	•0	.0	•0	•0	.0	•0
1-2	.0	.0	•0	.0	•0	٠.0	• 0		.0	.0	8.3	.0	•0	.0	8.3
3-4	.0	.0	33.3	.0	.0	٠.	33.3		•0	•0	.0	-0	•0	• 0	.0
5-6	.0	8.3	8.3	.0	.0	۰,	16.7		.0	•0	8.3	•0	•0	•0	8.3
7	.0	.0	•0	.0	.0	.0	.0		•0	•0	.0	•0	•0	.0	•0
8-9	.0	٠0	•0	٠٥.	.0	.0	.0		.0	•0	.0	•0	•0	•0	.0
10-11	.0	٠0	•0	.0	•0	۰.	•0		•0	.0	.0	•0	•0	•0	.0
12	۰.	.0	•0	.0	.0	.0	•0		•0	.0	.0	•0	•0	•0	.0
13-16	•0	.0	•0	•0	.0	٠.	.0		•0	•0	.0	•0	•0	•0	.0
17-19	.0	.0	•0	• 0	.0	.0	.0		.0	•0	.0	•0	•0	•0	.0
20-22	.0	.0	•0	•0	.0	•0	•0		•0	.0	.0	•0	•0	٠.	.0
23-25	.0	.0	•0	•0	• 0	.0	•0		.0	•0	.0	•0	•0	.0	.0
20-32	.0	.0	•0	.0	• 2	.0	•0		•0	•0	.0	•0	•0	.0	•0
33-40	•0	.0	•0	.0	•0	.0	•0		•0	•0	.0	•0	•0	••	.0
41-48	.0	.0	•0	.0	•0	.0	•0		•0	•0	•0	•0	•0	•0	•0
49-60	.0	.0	•0	.0	.0	.0	•0		.0	•0	.0	•0	•0	•0	•0
61-70	.0	.0	•0	•0	•0	•0	•0		•0	•3	•0	•0	•0	٠,٥	•0
71-86	.0	•0	•0	.0	•0	.0	•0		•0	•0	•0	•0	•0	•0	.0
87+	•0	.0	•0	•0	.0	.0			•0	•0	0	•0	•0	٠٥	16.7
TOT PCT	.0	1.3	41.7	•0	•0	•0	50.0		•0	•0	16.7	•0	•0	•0	10.7

PERIOD:	COVE	-ALL)	1963-1	967				APRIL TABLE 18 (CONT	,			AREA	0011	\$0UTH C:	ENTRAL JAVA .1E
				PC	T FREQ O	F WIND	SPEED	(KTS) AND DIRE		ERSUS S	EA HEIG	HTS (FT)		•	
				\$							SW				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	+ <b>8</b> +		
<1	•0	0	•0	•0	•0	.0	0	•0	0	•0	.0	•0	•0	.0	
1-2	• 0	6.3	•0	•0	•0	••	6.3	•0	2.1	•0	.0	•0	•0		
3-4	.0	.0	•0	.0	•0	٠,	•0	:0	.0	•0	.0	•0	.0		
5-6 7	.0	.0	•0	•0	.0	.0	•0	.0	.0	.0	.0	.0	.0		
8-9	.0	.0	.0	.0	.0	:0	.0	.0	ě	••	.0				
10-11	.0	.0	.0	.0	.0	:0	•0	٥	.0	•0	:0	.0			
12	.ö	:8	.0	•0	ě	.ŏ	.0	٥	ŏ	.0		ŏ			
13-16	.0		.0	.0	٠٥		.0	ň	.0			.0			
17-19	.0		.0	.0		.0	.0	.0	.0	.0	.0	.0	.0		
20-22			·ò	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
23-25	.õ	.0	.0	. 0	.0	.0	.0	.0	.0	.0	.0	•0	.0	•0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0		
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	•0	
41-48	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	•0	.0		
49-60	.0	.0	•0	•0	.0	.0	.0	•0	.0	.0	.0	•0	.0		
÷1-70	.0	.0	••	•0	•0	.0	•0	•0	•0	•0	•0	•0	.0		
71-86	•0	.0	•0	.0	.0	.0	•0		•0	•0	.0	•0	.0		
87+	.0	.0	•0	•0	•0	.0	0	•0	0	•0	.0	•0	•0		
TOT PCT	٠.٥	٥.3	•0	.0	•0	.0	6.3	•0	2.1	.0	•0	•0	•0	2.1	
															TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
41	.0	.0	11-51	.0	.0	7.0		•0	.0		.0	.0	.0		
1-2	.0	8.3	.0	.0	.0	·ŏ	8.3	.0	.0	.0	.0	.0	.0		
3-4	:0		:6	.ŏ	.0			ò		.0		ŏ	.0		
5-6		.0	ñ	.ŏ	.ŏ	.0	.0	.0	.0	.0	.0	.0	.0		
7	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	•0	• 0	.0	•0	
8-9	. 0	.0	•0	.0	.0	•0	.0	•0	.0	.0	•0	.0	.0	•0	
10-11	. 0	.0	• 0	.0	•0	.0	.0	•0	•0	•0	.0	•0	.0		
15	.0	.0	•0	.0	•0	.0	•0	•0	.0	.0	•0	.0	.0		
13-16	.0	.0	•0	•0	•0	•0	.0	•0	•0	•0	•0	•0	.0		
17-19	.0	.0	•0	.0	.0	• 0	•0	•0	•0	.0	•0	•0	.0		
20-22	.0	.0	•0	.0	.0	•0	.0		.0	.0	•0	.0	.0		
23-45	.0	.0	•0	.0	.0	.0	•0	•0	.0	.0	•0	•0	.0		
26-32	•0	.0	. Ç	•0	•0	.0	•0		•0	.0	•0	٠.٥	•0		
33-40	.0	.0	•0	.0	.0	.0	.0		•0	.0	•0	•0	•0		
41-48	.0	.5	•6	.0	•0	•0	•0		:0	.0	•0	•0	.0		
49-50	•0	.0	•0	.0	٠.	•0	• 0		.0	• 0	•0	•0	.0		
61-70	٠,	.0	•0	.0	•0	.0	.0		:0	.0	•0	•0	:0		
71-86 87+	.0	.0	•0	.0	.0	.0	.0		iŏ	.0	.0	.0	.0		
TOT PCT	.0	8.3	•0	.0	.0	.0	8.3		.0	.ŏ		·ŏ			91.7
TOT PLI	.0	0.3	•0	.0	•0	••	0.0	•••	••	••	••	••	•••		

€ 4

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	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	8.3	.0	.0	•0	.0	.0	8.3	200
1-2	.0	16.7	8.3	.0	.0	.0	25.0	
3-4	.0	.0	41.7	.0	.0	.0	41.7	
5-6	.0	8.3	16.7	. 0	.0	. 0	25.0	
7	.0	.0	. c	.0	.0		.0	
8-9	.0	.0		. 0	.0	. 0	,õ	
10-11		.0	.0	.0	.0		.0	
12	.0	.0	.c	.0	.0		. 0	
13-16		.0	•0	.0	.0		.0	
17-19	. 6	.0	.c	.0			,õ	
20-22	.0	.0	.c	.0			ö	
23-25		.0	.:	.0			ō	
26-32		.0		.0	.0		ō	
33-40	.0		.č	.0			Ü	
41-48	ě		.0	.0	.0		.ŏ	
49-60	.0	٠٥					.0	
61-70	.0	٠٥	č	.0			.0	
71-86	.0	.0					ŏ	
87+	.0		.0	.0			ŏ	
	.0	••	••	••	•••	••		12
TET PET	8.3	25.0	66.7	.0	.0	.0	100.0	12

### PERCENT FREQUENCY OF WEATHER DECURRENCE BY WIND DIRECTION

			,	RECIPI	CITAT	N TYPE					OTHER	HEATHER	PHEND	MENA	
WND DIR	RAIN	RAIN SHUR	PR7L	FRZG PCPN	SNON	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THDR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SMOKE	SPRAY BLWG DUS BLWG SNO	
N	100.0	.0	.0	.0	.0	.0	.c	100.0	.0	.0	.0	.0	.0	.0	.0
NF	.0	.0	.0	.0	.0	.0	.c	.0	.0	.0	.0	.0	.0		100.0
E	3.4	.0	.0	.0	•0	.0	.0	3.4	•0	3.4	.0	.0	.0	.0	96.6
ŠE	8.7	.o	.0	.ŏ	.0		.0	8.7	.0	8.7	.0	.0	.0	.0	9:.3
S	.0	.0	.0	.0	.0	.0	.0	.0	•0	50.0	•0	.0	.0	.0	50.0
Š×	.5	.o	.0	.0	• 0	.ŏ	.c	.0	•0	.0	.0	.0	.0	.0	100.0
N	.0	. 0	.0	.0	.0	.0		•0	.0	.0	.0	.0	.0	.0	100.0
N»		100.0	.0	.0				100.0	.0	.0	.0	ŏ	.0	. 0	.0
VAR	.0	.0		.0	.0	.0	.č	.0	.0		.0	ō	.0	.0	.0
CALM	.0	ō	.0	.0	.0	.0	.c	.0	.0	.0	.0	ŏ	.0	.0	.0
TOT PCT	7.4 27	3.7	.0	•0	•0	•0	.0	11.1	•0	7.4	•0	•0	•0	•0	85.2

TABLE 2

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			p	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HCUR (GMT)	RAIN	RAIN SHWR	DRZL	FRZG PCPN	SND	DTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST Hour	THDR LTNG	FOG WD PCPV	POG WO PCPN PAST HR	SMOKE	SPRAY BLWG DUST BLWG SNOW	
00£03 06£09 12£15 16£21	16.7 20.0	10.0	.0	.? .c .o	.0	.0	•0	10.0 16.7 20.0	.0 .0 .0	10.0 16.7 .0	•0	.00	•0	:0	80.0 83.3 60.0 100.0
TOT PCT	7.1	3.6	.0	.0	•0	.0	.0	10.7	•0	7.1	.0	•0	•0	.0	85.7

TABLE 3

### PERCENTAGE PREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		•1'	IP SPE	EC (KN	TS)								HOUR	(GMT)			
WND CIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT FREQ	PEAN SPD	00	03	06	9	12	15	16	21
N NE	1.3	1.7	.3	.0	.0	•0		2.9	6.2	1.5	•0	2.2 8.2	.0	2.7	25.0	3.2 5.2	5.9 9.9
E Se	2.5	19.8	12.7	1.0	.0	.0		36.0	9.5	20.2	75.0	41.8	30.9 47.1	25.7 41.7	\$0.0 25.0	35.1	36.2 32.9
S	.6	5.7	. 3	. 3	٥.	.0		7.0	7.1	3.2	•0	2.2	11.6	12.7	• 0	9.1	3.3
S#	.5	?•1 1•1	.1	•0	.0	•0		2.7	6.5	1.0	16.7	2.6	4.4	6.7 3.3	•0	1.3	1.3
Nb √AR	.9	2.9	.1	.0	.0	.0		3.9	5.9	11.3	•0	4.5	1.5	1.3	•0	3.2	3.3
TOT CBS	5.5	244	119	10	0	0	435	5.5	6.5	4.8	•0	11.9	2.9	4.0 75	• 0	3.9 77	6 · 6
TOT PCT	14.3	54.1	27.4	2.3	. 5	.ŏ	433	100.0	•••			100.0			100.0		•

HND DIR	0-6	wIND 7-16	SPEE0 17-27	(KNDTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 0 <b>3</b>	HOUR 06 09	(GMT) 12 15	18 21
ų.	1.7	1.1	.0	.0	.0		2.9	6.2	1.5	1.1	3.8	4.6
۸E	3.6	2.6	.0	.0	.0		6.2	6.4	11.0	4.4	1.9	7.5
€ .	11.8	21.8	2.2	. 2	.0		35.0	9.5	47.1	36.3	26.9	35.6
5 E	9.1	20.7	3.9	.2	.0		34.0	10.2	19.1	35.9	40.8	35.3
Ś	4.9	1.5	. 3	.2	.0		7.0	7.1	2.9	7.0	12.0	6.2
Św	1.6	1.0	•1		.0		2.7	6.5	.0	3.5	6.3	1.3
ú"	1.2	.5	i	٠٥	.0		1.8	6.3	2.9	1.3	3.2	1.0
ÑW	2.4	1.5		ě			3,9	5.9	10.3	3.0	1.3	3.3
VAR	•0	.0	•0	•0	٠.		.0	.0	.0	_•0	.0	.0
CALM	5.5						5.5	٠.	4.4	7.4	3.6	5.2
TOT DAS	192	221	29	3	٥	435		8.5	60	135	79	153
TOT PET	41.8	50.8	6.7	• 7	.0		100.0		100.0	100.0	100.0	100.0

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PERIOD: (PRIMARY) 1913-1969 (OVER-ALL) 1855-1969

TABLE 4

AREA 0011 SOUTH CENTRAL JAVA 7.75 110.16

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PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

HOUK	CALM	1-3	4-10	WIND 11-21		(KNOTS) 34-47	48+	MEAN	PCT FREQ	TOTAL DBS
00603 06609 12615 18621 TOT PCT	7.4 3.8 5.2 24 5.5	8.8 10.4 8.9 7.2 38 8.7	58.8 51.1 55.7 59.5 244 56.1	25.0 29.6 30.4 24.8 119 27.4	2.9 1.5 1.3 3.3 10 2.3	.0	•••••	8.0 8.7	100.0 100.0 100.0 100.0	60 135 79 153 435

TABLE 5

TABLE 6

1	PCT FRI	1 AC 03	LATEL NIW VE	CLOUD A	TRUCPA	(EIGHTHS)			PERCEN	TAGE F	REQUEN	NCY OF	CEILIN	IS YEIG	HTS (	FT,NH	>4/8)	
W40 DIR	0-2	3-4	5-7	o & DBSCD	TCTAL CBS	MEAN CLGUD COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499			NH <5/8 ANY HGT	
N NE E	.0 .0 12.5	.0 8.3	.0 .0	•(· •0		•0	•0	•0	.0	•0	.0	•0	.0	•0	•0	.0	••	
ŠE S	4.2	1.3	15.7	.0		2.? 4.1 7.0	•0	•0	.0	•0	.0	•0	.0	•0	•0	.0	20.8	
N4 W SW	.0	12.5 16.7	•0	•0		4.0 4.0 3.0	•0	•0	.0	•0	.0	•0	.0	•0	•0	.0	16.7 4.2 12.5	
VAR CALM	.0	.0	•0 •0	•0		•0	•0	•0	.0	•0	•0	•0	•0	•0	•0	.0	16.7	
TOT DAS	16.7	50.0	33.3	•0	100.0	4.0	•0	•0	.0	•0	.0	•0	.0	•	•0	0	•0 6	100.0

TARLE 7

OF CEILING HEIGHT	(NH 34/8) AND VSBY (NH)
-------------------	-------------------------

				VSBY (NH	1)			
CEILING	■ DR	- CR	₽ DR	# TR	• DR	- CR	• OR	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	.0	.0	.0	.0	.0	.0	•0	^
■ DR >5000	.0	•0	.0	.0	.0			•••
■ OR >3500	.0	• 0				.0	•0	.0
= DR >2000			•0	.0	.0	.0	.0	.0
	.0	•0	.0	.0	.0	.0	•0	.0
<ul> <li>OR &gt;1000</li> </ul>	.0	•0	.0	.0	.0	.0		
<ul> <li>□ DR &gt;600</li> </ul>	.0	•0	.ŏ				•0	•0
				.0	.0	•0	.0	.0
• PR >300	.0	•0	.0	.0	.0	.0	.0	.0
■ FR >150	.0	•0	.0	.0	.0			
= TR > 0						•0	•0	.0
	• •	•0	.0	.0	•0	.0	•0	.0
TOTAL	0	0	0	٥	٥	ň	**	• • •

TOTAL NUMBER OF OBS:

PCT FREQ NH <5/8: 100.0

TABLE 7A

# PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	•	6	7	8	DBSCD	TOTAL
.0	20.0	50.0	10.0	10.0	•0	.0	.0	10.0		10

是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是

ALL) I	155-1969						TAI	NLE 8					1
		P	ERCENT		OF WIND	DIREC							E DF
VSBY (NH)		*	NE	ε	SE	s	<b>S</b> ¥	W	NW	VAR	CALM	PCT	TOTAL
	PCP	• C	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	
<1/2	NO PCP	.0	. 0	.0	.0	• 0	.0	.0	.0	.0	•0	.0	
	TOT V	.0	.0	.0	.0	.0	• 0	.0	.0	.0	.0	.0	
	PCP	.0	.0	.0	.0	.0	• •	.0	.0	.0	•0	.0	
1/2<1	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	• 0	.0	
	TOT &	.0	.0	.0	•0	•0	•0	• 0	•0	•0	•0	.0	
	PCP	•0	.0	1.9	1.9	.0	•0	•0	.0	.0	.0	3.7	
1<2	NO PCP	.0	.0	• 0	.0	•0	• 0	.0	.0	.0	.0	.0	
	TOT %	•0	.0	1.9	1.9	•0	•0	•0	•0	.0	•0	3.7	
	PCP	3.7	.0	.0	.0	.0	.0	.0	.0	.0	•0	3.7	
2<5	NO PCP	.0	1.9	1.9	•0	.0	• 0	.0	.0	.0	.0	3.7	
	TOT \$	3.7	1.9	1.9	•0	•0	•0	.0	•0	.0	• 0	7.4	
	PCP	٠.	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5<10	NO PCP	.c	.0	9.3	1.9	•0	• 0	3.7	.0	.0	• • •	14.	
	TOT %	.0	.0	9.3	1.9	•0	•0	3.7	•0	.0	• 0	14.8	
	PCP	.c	.0	.0	.0	.0	•0	•0	3.7	.0	•0	3.7	
10+	NO PCP	.0	.0	41.7	17.6	7.4	. 9	2.8	.0	.0	.0	70.4	
	TOT &	ĬĊ	.0	41.7	17.6	7.4		2.8	3.7	.0	•0	74.1	

TABLE 9

				PERCEN	T FREQ	OF W15	in biri	CTION	VS #1!	ND SPE	£5		
VSBY	SPD	N	415						NH 13181E:		CALH	PCT	TOTAL
(14)	KTS	N	٩E	£	\$ E	5	5 N	*	~#	VAR	CALM	761	D85
	2-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	• 0	.0	• 0	.0	• 0	.0	.0	•0		•0	
	11-21	•0	.0	•0	•0	•0	.0	.0	•0	.0		.0	
	22+	.0	.0	.0	•0	•0	•0	.0	.0	.0	_	.0	
	707 \$	.0	•0	• 0	•0	•0	.0	.0	•0	•0	.0	•0	
	J-3	.0	.0	.0	•0	•0	.0	.0	.0	.0	.0	.0	
1/2<1		.0	.0	.0	.0	.0	.0	.0	• 2	.0		.0	
	11-21	.0	.0	.0	.0	•0	.0	.0	•0	.0		.0	
	22+	.0	.0	.0	•0	.0	.0	.0	.0	.0		.0	
	707 %	.0	.0	•0	•0	•0	.0	•0	.0	.0	•0	•0	
	o-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	.0	.0	•0	.0	.0	.0	.0	.0		.0	
	11-21	.0	• 0	. 3	. 3	.0	.0	.0	.",	. 0		, 6	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	.0	. 3	.3	•0	.0	.0	.0	.0	•0	. 6	
	0-3	1.3	•0	.0	•0	.6	.0	.0	.0	.0	.0	1.9	
2<5	10	. 3	.3	. 3	.0	.0	.0	.0	. 3	.0		4.3	
	.1-21	.0	.0	.0	.0	.0	.0	٠.	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	1.6	.3	. 3	•0	.6	.0	.0	. 3	.0	•0	3,2	
	0-3	.0	.0	•0	.0	.0	.0	.6	.0	.0	.0	.6	
5<10	4-10	. 6	.0	1.0	1.0	•0	.0	.0	.0	.0		2.6	
	11-21	.0	.0	2.2	. 3	.0	.õ	.0	. 0	.o		2.6	
	22+	.0	.0	.0	.0	•0	.0	.0	• 2	.0		.0	
	TOT %	٠٥	.0	3.2	1.3	•0	.0	.6	٠,	.0	.0	5,8	
	0-3	1.0	2.9	2.9	3.5	.6	.0	.6	1.3	.0	6.4	19.2	
10+	4-10	. 6	4.2	15.7	12.2	4.1	2.7	1.8	2.9	.0		44.9	
	11-21	.0	.0	11.7	14.6	.0	.0	.0	.0	.0		26.3	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	1.6	7.1	30.3	30.3	5.4	2.7	2.4	4.2	.0	6.4	90.4	
	TOT DES												156
	TOT PCT	3.8	7.4	34.1	31.9	6.1	2.7	3.0	4.5	.0	6.4	100.0	

MAY

PERIOD: (PRIMARY) 1913-1969

(OVER-ALL) 1855-1969

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET,NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (G4T) 00603 100.0 90380 .0 .0 100.0 12615 .0 .0 .0 .0 .0 .0 100.0 18621 100.0 100.0 100.0

TABLE 11 TABLE 12 CUMULATIVE PCT FREQ DF RANGES DF VSBY (NM) AND/OR CEILING HGT (FEET-NM >4/8)>BY HOUR PERCENT FREQUENCY VSBY (NM) BY HOUR HOUR (GMT) 10+ TOTAL 00603 00603 .0 .0 100.0 93.1 .0 90360 2.4 90360 95.2 .0 100.0 12615 6.7 .0 86.7 12615 .0 .0 .0 100.0 18621 ٠0 3.4 18621

> 142 157 90.4 100.0

3.2

TOT PCT

TOT PCT

TABLE 13

TABLE 14

PERCENT FREQUENCY OF RELATIZE HUMIDITY BY TEMP

TEMP F 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 OBS FREQ N NE E SE S SN N NN VAR CALM

85/89 .0 .0 .0 .0 .0 .0 .22.2 .0 .0 .0 2 22.2 .0 .0 .0 11.1 .0 2.8 8.3 .0 .0 .0

86/86 .7 .0 .0 .0 .0 .11.1 55.6 11.1 7 77.8 .0 .0 36.1 8.3 22.2 .0 .0 11.1 .0 .0

TOTAL 0 0 0 0 0 35.5 1 9 100.0 .0 36.1 19.4 22.2 2.8 8.3 11.1 .0 .0

PERIOD: (PRIMARY) 1913-1969 (OVER-ALL) 1855-1669

TABLE 17

AREA 0011 SOUTH CENTRAL JAVA 7.75 110.1E

PCT FRFO OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (VITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	77 80	81 84	85 88	TOT	FÖC	MD FOC
1 C -1 -2 -3 -4 -5 TOTAL	3.6 .0 3.6 .0	3.6	3.6 7.1 .0 .0 .0	1 7 2 6 3 7 2	00000000	3.6 25.0 7.1 21.4 10.7 25.0 7.1 28
PCT	21.4	64.3	14.3	100.0		100.0

PERIOD: (D/ER-ALL) 1963-1909

THE STATE OF THE S

				P	T FRED	0F #140	SPEED	(KTS) AN	o DIRE	י אטודס	ERSUS S	FA HEIG	HTS (FT	,	
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT					NE			
<1	.0	.0		.0	.0	•••	•0		1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.0	.0		:	.0	.0	.0		•0	•0	•0	•0	•0	.0	•0
3-4	.0	.0	•0				•0		•0	•0	.0	.0	•0	.0	•0
5-6	.0	.0	.0	.0	ě	.0	.0		•0	.0	.0	•0	•0	.0	•0
7	.0	. o	.0	.0	.0	.0	•0		.0	•0	.0	•0	• 0	.0	•0
8-9	.0	, c	.0	.0	.ŏ	.0	.0		• 6	•0	• 0	.0	•0	.0	•0
10-11	.0	.0	.0	.0	.0		.0		. 0	•0	.0	.0	•0	.0	•0
12	.0	.0	.0	.0	.0	.0	.0		•0	•0	۰.	•0	•0	. 9	•0
13-16	.0	.0	.0	.0			.ŏ		.0	•0	.0	•0	•0	.0	•0
17-19	.0	.0	•0	.0	.0		č		٥	•0	.0	•0	•0	.0	•0
20-22	.0	.0	.0	.0	.ŏ				٠	.0	.0	.0	•0	.0	•0
23-25	.0	.0	.0	.0	.0	.0			.0		.0	.0	.0	.0	•0
26-32	.0	.0	.0	.č	.0		.0		.0	•0	-0	•0	•0	.0	•0
33-40	.0	.0	.0		.0	.0			٥	.0	•0	•0	•0	•0	•0
4'-48	.0	.0	•0	•0	.0	.0	.0		٥	.0	•0	•0	•0	.0	• 5
49-60	.0	.0	•0	•0	.0	.0	.0		.0	•0	•0	•0	•0	.0	•0
61-70	.0	.0	•0	•0	.0	•0	.0		ő	.0	•0	•0	•0	.0	•0
71-86	•0	.0	•0	•0	.0	.0	.0		ŏ	.0	.0	•0	•0	•0	•0
87+	•0	.0	•0	-0	.0	•0	.0		Ö	•0	•0	•0	•0	.0	•0
17T PCT	•0	.0	•0	•0	.0	.0	.0		.0	.0	.0	.0	•0	.0	•0
HGT	1-3	4-10	11-21	E 22-33	34-47							SE	•	•	
<1	.0	*0	+0			48+	201		1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.0	.5	.0	•0	.0	•0	.0		•0	•0	.0	.0	• 0	.0	.0
3-4	.0	.0	.0	•0	.0	• 0	.0		.0	•0	.0	•0	.0	.0	.0
5-6	.0	٥.	15.0	:0		•0	.0 150		•0	•0	20.0	G	•0	.0	20.0
7	.0	.0	.0	••	.0	.0	15.0		.0	•0	5.0	•0	•0	.0	5.0
8-9	.0	.0	.0	•0	ě	.0	.0		.0	•0	•0	•0	•0	.0	•0
10-11	.0	.0	.0	.0	.0	:0	.0		.0	•0	•0	•0	•0	.0	.0
12	.0	.0	•0	.0	.0				.0	•c	•0	•0	•0	•0	•0
13-16	.0	.0	.0	.0					•0	•0	•0	•0	•0	٠.	•0
17-19	• 0	.0	•0	•0	.0	.0	.0		.0	•0	•0	•0	.0	.0	•0
20-22	•0	.0	.0	•0		.c				•0	.0	•0	•0	•0	-0
23-25	.0	.0		•0	.0	.0	.0		•0	•0	•0	•0	•0	.0	•0
26-32	.0	.0	.0	• 1	.0				.0	•0	• 5	•0	•0	•0	•0
33-40	.0	٥,	•0	•0	.0	.0	ě		.0	. 0	• 3	.0	.0	.0	•0
41-48	.0	•0	.0	•0	.0	• 0			• ^	•0	•0	•0	•0	•0	.0
45-60	.0	.0	.0	.0	.0	.0				•0	•0	٠.	•0	•0	•0
51-70	.0	.0	.0	•0	.0	.0	.0		.0		•0	•0	,0	•0	•0
71-44	.0	.0	•0	•0	.0	.0	.0		.0	•0		•0	•0	.0	•0
87+	•0	٠.	•0	•0	.0	٠ŏ	.0		•0	•0	•0	•0	•0	•0	•0
TOT PCT	.0	.0	15.0	•0	.0	•0	15.0		ő		75.0	•0	•0	•0	
									••	••	e 200	•0	•0	•0	25.0

									4A1	,				19-1			
PER10D:	TUVE	R-ALL }	1403-1	909				TABLE	18 (0	(TMD				AKEA		5 110.	ENTRAL JAVA .1E
					T FREQ	OF WIND	SPEED	(KTS)	AND E	1#EC	TION V	VERSUS à	EA HESG	HTS (FT)			
HGT	1-3	4=10	11-21	5 22-33	34-47	48+	PCT			-3	4-10	11-21	5W 22-33	34-47	48+	PCT	
<1		.0	.0	.C	.0	7.0				.0	5.0	.0	.0	.0		5.0	
1-2	.0	20.0	•0	.0	.0	.0	20.0			.0	.0	.0	.0	•0	. 0	.0	
3-4	.0	.0	.0	.0	.0	٠0	.0			.0	.0	.0	.0	•0	.0	.0	
5-6	.0	20.9	• 0	•0	.0	.0	20.0			•0	.0	.0	•0	•0	.0	.0	
7	•0	.0	•0	.0	.0	.0	.0			•0	.0	.0	.0	•0	.0	•0	
8-9	.0	.0	•0	.0	.0	•0	•0			•0	.0	.0	•0	•0	•0	.0	
10-11	•0	.0	•0	.0	•0	•0	•0			•0	.0	.0	•0	•0	.0	.0	
12	•0	.0	•0	.0	•0	•0	•0			•0	•0	.0	•0	•0	•0	•0	
13-16 17-19	.0	.0	.0	.0	٠.	.0	•0			•0	.0	.0	•0	•0	.0	.0	
20-22	ŏ	.0	•0	.0	. ?	.0	.0			.0	.0	.5	.0	.0	:0	.0	
23-25				.0			.0			ŏ	.ŏ	.0	.0	•0		ě	
20-32	.0		•0			.0	.0			ŏ	.0	.ŏ	.0	.0		.0	
33-40	.0		.0	.c	.0	.0	.0			.0	.0	.0	.5	•0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	•0	.0	.0	
49-60	.0	.0	•0	.0	.0	.0	•0			.0	.0	.0	•0	•0	•0	.0	
61-70	.c	.0	.0	.0	.0	.0	.0			• າ	.0	٠.	.0	•0	•0	.0	
71-86	.0	.0	•0	.0	.0	•0	•0			•0	.0		•0	•0	.0	.0	
87+	•0	.0	•0	٠.	.0	•0	•0			•0	.0		.0	•0	•0	.0	
TOT PCT	.0	40.0	•0	.0	.0	.0	40.0			••	5.0	.0	.0	•0	.0	5.0	
				¥									Nw				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT			1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	.0	15.0	. `	.0	.0	.0	15.0			.0	.0	.0	•0	•0	.0	.0	
1-2	.0	.0	•0	.0	.0	.0	•0			.0	.0		.0	•0	.0	.0	
3-4	.0	.0	•0	.0	.0	.0	•0			•0	•0		•0	•0	•0	•0	
5-6	.0	•0	•0	•0	.0	•0	•0			•0	•0		•0	•0	•0	•0	
7 8-9	٠.٥	•0	•0	•0	.0	•0	•0			•0	• 0		•0	•0	.0	•0	
10-11	.0	.0	•0	•0	.0	.0	•0			•0	.0		•0	•0	.0	•0	
12	.0	.0	•0	.0	.0	.0	•0			.0	.0		•0	•0	.0	•0	
13-16		:0	•0	.;	.0	.2	•0			.0			.0	•0	.0	.0	
17-19	.0	.0	•0	.0	.0	.0	•0			ě	iŏ		.0	•0		•0	
20-22	. 0	.0	•0	.0	.0	.0	•0			.0	.0		• 0	•0	.0	• 0	
23-25	.0	.5	•0	.0	.0	•0	•0			.0	.0		• 0	•0	.0	•0	
26-32	.0	.0	.0	.0	.0	•0	•0			.0	.0		.0	•0	.0	•0	
33-40	.0	.0	.0	.0	.0	•0	•0			.0	.0	.0	.0	•0	.0	•0	
41-48	.0	.0	•0	•0	.0	.0	•0			.0	.0		•0	.0	.0	•0	
49-60	.0	.0	.0	.0	.0	.0	• 0			.0	.0		٠٥.	•0	•0	.0	
61-70	•0	.0	•0	.0	0	•0	•0			.0	•0		•0	•0	.0	•0	
71-86	.0	.0	•0	•0	0	•0	• 0			.0	•0		•0	•0	•0	•0	
87+	٠.		•0	•0	.0	•0				•0	•0		•0	•0	•0	•0	
TOT PCT	•0	13.0	•0	•0	•0	•0	15.0			.6	•0	.0	•0	•0	• 0	•0	100.0

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
нет	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	.0	20.0	.c	.0	.0	.0	20.0	0.00
1-2	.0	20.0	.c	.0	.0	.0	20.0	
3-4	.0	.0	20.0	.0	.0	.0	20.0	
5-6	.0	20.0	20.0	.0	.0	.0	40.0	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	. 0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	ě		.0	.0	.0		
13-16	.0	.0		.0	.0	.0	.0	
17-19	.0	.0	.0	ò	.0	.0	.0	
20-22	.0	.0	.0		.0	.0	.ŏ	
23-25	.ŏ	·ŏ		ě	•0	.0		
26-32		.0		ŏ	.0	.0		
33-40	.0	.ŏ		ŏ		.ő	ŏ	
41-48	.0	.0			.0	.0		
49-60	ŏ	.ŏ		ě	.0	.,		
61-76	.0	.0		.0	.0		ŏ	
71-86	.0	:ŏ	.0	.0		.0		
					.0			
87+	.0	•0	•0	•0	••	.0	•0	
TOT PCT	.0	60.0	40.0	•0	.0	.0	100.0	5

TABLE 1

AREA 0011 SOUTH CENTRAL JAVA 7.85 110.08

PERCENT	FREQUENCY	ΩF	HEATHER	DCCURRENCE	44	HIND	DIRECTION

			,	RECIPI	TATION	TYPE					OTHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	BAIN SHWR	DRZL	FRZG FCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HDUR	THOR LING	FOG HO PCPN	FOG WD PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUS BLWG SNO	
N	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0
NE	.0	.0	٠.	٠.	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	100.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0
ŠĒ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	100.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0
S≽	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	ò		.0	100.0
	.0	.0	٠. د	.0	.0	.õ	.c	.0	100.0	.0	.0	.o		•0	.0
Ñ⊯	.0	.0				.ŏ	.c		.0		.0	ŏ	.0	.0	:5
VAR	.0	.0	ŏ		.0				• 5			ō			
CALM	.5	.0	_											•0	0
CALP	.0	.0	.0	.0	.0	.0	.c	.0	•0	•0	•0	.0	•0	•0	100.0
TOT PCT	.0	.0	.0	•0	.0	.0	.0	.0	2.2	•0	.0	.0	.0	.0	97.8

TABLE 2

### PERCENT FREQUENCY OF WEAT ER OCCURRENCE BY HOUR

				RECIPI	TATIO	N TYPE					DTHER	WEATHER	PHEND	MENA	
HGUR (GMT)	RAIN	PAIN SHWR	DR7L	PRZG PCPN	SNON	OTHER FRZN PÇPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FDG WD PCPN	FOG HO PCPN PAST HR	SMOKE HAZE	SPRAY BLHG DUST BLHG SND	
00603 06609 12615 18621	0. 0. 0. 0. 0.	.0	.0	.0	.0	.0	.0	.0 .0 .0	0.0 0.3 .0	.0	.0	.0	•0	•0	100.0 91.7 100.0 90.0
TOT PCT TOT CBS:	2.1 48	.0	.0	.0	•0	.0	•0	2.1	7.1	.0	.0	•0	•0	•0	95.8

#### TABLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		411	ID SPE	ED (KND	TS)								HOUR	(GMT)			
MNC DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21
N NE	.5	3.2	.3	•0	•0	•0		1.1 3.7	6.7	1.0	.0	1.6	1.9	1.5	.0	4,5	2.3
ŞE	2.4	27.4 17.9	17.1 17.5	-	:0	:0		42.3 79.2	10.3	53.4 26.4	30.0	48.8 33.7	31.7 49.0	3>.6 45.6	50.0 33.3	43.9 38.1	43.1 35.4
S Su	.4	3.0	.5	.0	•0	•0		2.5	7.3 6.6	1.0	20.0	2.4	6.7	5.1 4.4	16.7	3.7	3.8
W NW	•1	2.0	:7	.0	.0	.0		1.7	7.1	8.7	•0	2.4	1.9	2.9	.0	1.5	1.5
VAR Calm	4.0	•0	•0	•0	.0	•0		4.0	.0	3.8	•0	3,2	1.9	4.4	.0	7.5	3.1
TOT CBS	10.8	195	139	.8	.0	.0	376	100.0	9,7	52	\$	63	52	68	6	67	100.0

# TABLE SA

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL D85	PCT FREQ	MELK SPD	00	HQUA 06 09	(GMT) 17 15	18
		.0	.3	.0	.0		1.1	6.7	.9	.9	1.4	1.1
٧E	2.1	1.6	•0	.0	.0		3.7	6.7	5.3	2.2	1.4	5.7
Ę	9.7	26.7	6.0	.0	.0		42.3	10.3	51.3	41.1	35.8	43.2
SE	6.2	25.9	6.2	.0	.0		30.2	10.9	28.5	40.7	44.6	36.7
\$	1.9	2.1	•0	ŏ	.õ		4.0	7.3	9	4.3	0.1	3.8
94	1.6	.,	•0	.0			2,5	6.6	1.6	3.9	4.1	7.8
N	.1	1.5	•1	ŏ	.0		1.7	10.3		2.2	2.7	1.5
ÑW	1.2	1.2		•×	ŏ							
			•1	.0	.0		2.5	7.1	7.9	2.2	.0	1.9
VAR	.0	•0	0	.0	• •		.0	.0	.0	•0	.0	•0
CALM	4.0						4.0	.0	3.5	2.6	4.1	5.3
TOT DES	104	22¢		0	0	378		9.7	57	115	76	132
TOT PCT	27.5	59.	٠.,	, ŏ	.0		100.0			100.0		

(DVER-ALL)	1913-196 1877-196
(DVER-ALL)	

TARLE 4

AREA 0011 SDJTH CENTRAL JAVA 7.85 110.0E

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GM
--

HUUR	CALM	1-3	4-10		5PEED (		48+	MEAN	PCT FREQ	TOTAL
00603 06609 12615 18621 TOT PCT	3.5 2.6 4.1 5.3 15 4.0	3.5 10.4 6.8 5.3 26 6.9	43.9 59.1 48.6 50.0 195 51.6	45.6 27.0 40.5 39.4 139 36.8	3.5 .9 .0 .0	.0	•••••	10.1	100.0 100.0 100.0 100.0	57 115 74 132 378

TAPLE 5

TABLE 6

s	CT FRE	0 DF 1	JATEL PIR VE	C(300 I	MOLNT (	(EIGHTHS)			PERCEN	TAGE F	REQUE	CY DE	CEILIN	G HEIG	HTS (1	FT#NH .	>4/8)	
HIC OFF	0-2	3-4	5	5 & 085CD	TOTAL CBS	MEAN CLOJO COVER	000 149	150 299	306 599	600 999	1000	2000 3499	3500 4999	5000 6499				
NE SE SE SH H VAR CALM TOT CAS TOT PCT	22.8 3.3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	31.5 7.6 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0 10.9 6.5 .0 4.3 .0 .0 .0 .0	000000000000000000000000000000000000000	23	.0 .7 3.0 4.3 .0 5.0 6.0 .0 .0 1.5	.0		00000000000	00000000000000	00.552 00.000000000000000000000000000000	4.3	000000000000000000000000000000000000000		••••••	000000000000000000000000000000000000000	.0 58.7 10.9 .0 4.3 .0 .0 .0 8.7 19	23 100.0

TABLE 7

CUMULATIVE PCT FREG DF SIMULTANEOUS DCCURRENCE DF CEILING MEIGHT (NH >4/8) AND V58Y (NH)

				VSBY (NE	1)			
CEILING (FEFT)	• DR >10	- JR >5	• DR >2	• nR >1	= DR >1/2	• CR >1/4	* DR >50YD	= DR >0
- DR >6570 - DR >5070 - DR >3500 - DR >2000 - DR >2000 - DR >1000 - DR >600 - DR >300 - DR >350 - DR > J	.0 4.2 8.7 17.4 17.4 17.4	.0 4.3 8.7 17.4 17.4 17.4	.0 4.3 8.7 17.4 17.4 17.4	.0 4.3 8.7 17.4 17.4 17.4	.0 4.3 8.7 17.4 17.4 17.4	.0 4.3 8.7 17.4 17.4 17.4	.0 4.3 8.7 17.4 17.4 17.4	0 4,3 8,7 17,4 17,4 17,4

TOTAL NUMBER OF DBS: 23 PCT FRED NH <5/8: 82.6

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

7.7 23.1 23.1 7.7 19.2 7.7 3.8 3.8 3.8 0.0 26

ŧ	ш	£	

							•	IUME							
PRIMARY) 19 Over-all) 19							TA	LE B				ARE	A 0011	H CENTRAL 110.0E	AVA,
		*1	FRCFNT	FRED PREC	OF WIN	DIREC	TION Y	ING VA	RRENCI	F VIS	ON-DCC	URRENC Y	E OF		
V587 (NR)		*	NE	£	SE	S	Sw	₩	NW	VAR	CALH	PCT	70141 085		
€1/2	PCP ND PCP TOT %	.0	.0	.0 .0	•0	.0 .0	•0	.0	.0	.0	.0 .0	.0			
1/2<1	PCP ND PCP TOT %	.0	.0	•0	.0	•0	•0 •0	.0	.0	.0	•0	•0			
1<2	PCP TOT %	.0	.0	.0	.0	•0	•n •0 •0	.0	.0	.0	.0	•0			
2<5	PCP NO PCP TOT %	.0	.0	.0	.0	•0	•0 •? •0	.0	.0	.0	.0	.0			
<b>5</b> <10	PCP NO PCP TOT %	.0	.0	.0	2.2 2.2	•0	•0	.0	•0	.0	•0	2.2 2.2			
10+	PCP ND PCP TOT %	.0	5.5	.0 50.0 50.0	20.3 20.3	.0 4.3 4.3	•0 ••5 ••5	.0 2.? 7.2	.0	.° .°	4.3 4.3	97.8 97.8			

TABLE 9

(NH) <1/2	KTS.		NE	E	SE	5	SW	*	NH	VAR	CALM	PCT	TOTAL
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	382
	4-10	ŏ	:0		.ŏ	:0	:0	.0	.0	.0	.0	.0	
	11-21	.5	.0	ě	ŏ	ě	.ŏ	.ŏ	.,	:0		ě	
	22+	.0		.0		.0		.0	ŏ	:0		ö	
	TOT %	.č	.5	.0	.ŏ	.0	ò	.0	.0	.0	.0	.ŏ	
	0-3	.0	.0	.0	.0	•0	.0	.c	.0	.0	.0	.0	
1/2<1	4-10	.0	.0	• 0	•0	.0	.0	.0	.0	Š	•••	.0	
	11-21	.0	.0	• 0	.0	.0	.0	.0	.0	.0		, o	
	22+	.0	.0	.0	.0	.0	. c	.0	.0	.0		.0	
	TOT %	.0	.0	•0	.0	ŏ	.0	.0	.0	.0	-0	ŏ	
	0-3	.0	٠.	•0	•0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	.0	• 0	•0	.0	.0	٠.	.0	.0		.0	
	11-21	.0	.0	.0	.0	•0	.0	.0	.0	.0		,0	
	22+	.0	.0	•0	•0	•0	.0	.0	.0	.0		.0	
	TOT \$	•0	.0	•0	•0	•0	.0	.0	•c	•0	•0	•0	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	٠.	•0	•0	•0	.0	٠0	.0	.0	.0		.0	
	11-21	.0	.0	• 0	•0	.0	٠.٥	.0	.0	•0		.0	
	22+	.0	•0	•0	•0	.0	.0	.0	• 0	•0		•0	
	TOT %	.0	•0	•0	.0	.0	.0	.0	.0	•0	•0	•0	
	0-3	.0	•0	• 0	•0	.0	.0	.0	•0	.0	.7	.7	
5<10	4-10	•0	.4	• 4	1.4	•0	.7	.0	•0	.0		2,5	
	11-21 22+	٥.	•0	•0	•0	•0	٠.	•0	•0	-0		.0	
	TOT %	:0	.0	•0	1.4	.0	:0 :7	.0	.0	.0	.7	.0 3.6	
	0-3	.7	.7	1.8	1.8	1.1		.0	.7	.0	4.3	11.4	
16+	4-10	.4	3.6	21.6	15.2	2.9	3.6	.0	1.1		400	49.3	
•••	11-21	.õ		16.6	16.3	1,4	7.7	.7	•.6	,ŏ		35,7	
	22+	.0	.0	•0	•0	. 0	, o	.0	.0	.ŏ		Ö	
	10T #	1.1	4.3	40.0	33.2	6.4	4.0	.7	1.6	.0	4.3	96.4	

								JU	NE						
PERIOD: (PRIMARY) (OVER-ALL)	1913-19 1877-19							TABLE	10			AF	REA 0011	SOUTH CENTRAL 7.85 110.0E	L JAVA
				PER	CENT F				G HEIG NH <5/			>4/8) 4	IND		
	GUR GMT)	000 149	150 299	300 599	999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	3000+	TOTAL	NH <5/8		
d	6030	.0	.0	•0	•0	.0	•0	70.0	.0	٠.	•0	20.0	80.0	5	
d	9634	.0	.0	.0	.0	.0	14.3	.0	.0	.0	•0	14.3	85.7	7	
1	2615	.0	.0	.0	•0	10.0	.0	.0	.0	.0	•0	10.0	90.0	10	

TABLE 11

PERCENT FREGIENCY VSBY (NH) BY HDUR

CEILING HOT (FEETAMH >4/8) AND HOUR

CEILING HOT (FEETAMH >4/8) AND HOUR

COMMITTER OF AND HOUR CEILING HOT (FEETAMH >4/8) AND HOUR

COMMITTER OF AND HOUR CEILING HOT (FEETAMH >4/8) AND HOUR

COMMITTER OF AND HOUR CEILING HOT (FEETAMH >4/8) AND HOUR

COMMITTER OF AND HOUR CEILING HOT (FEETAMH >4/8) AND HOUR

COMMITTER OF AND HOUR CEILING HOT (FEETAMH >4/8) AND HOUR

COMMITTER OF AND HOUR CEILING HOT (FEETAMH >4/8) AND HOUR

COMMITTER OF AND HOUR CEILING HOT FREQUENCY

CEILING HOT FREQUENCY VSBY (NH) AND/OF CEILING HOT FREQUENCY

CEILING HOT FREQUENCY VSBY (NH) AND/OF CEILING HOT FREQUENCY

CEILING HOT FREQUENCY VSBY (NH) AND/OF CEILING HOT FREQUENCY

CEILING HOT FREQUENCY VSBY (NH) AND/OF CEILING HOT FREQUENCY

CEILING HOT FREQUENCY VSBY (NH) AND/OF CEILING HOT FREQUENCY

CEILING HOT FREQUENCY VSBY (NH) AND/OF CEILING HOT FREQUENCY

CEILING HOT FREQUENCY VSBY (NH) AND/OF CEILING HOT FREQUENCY

CEILING HOT FREQUENCY VSBY (NH) AND/OF CEILING HOT FREQUENCY

CEILING HOT FREQUENCY VSBY (NH) AND/OF CEILING HOT FREQUENCY

CEILING HOT FREQUENCY VSBY (NH) AND/OF CEILING HOT FREQUENCY

COMMITTED HOT FREQUENCY

CEILING HOT FREQUENCY

COMMITTED HOT FREQUENCY

COM

JUNE

PEPIDD: (PRIMARY) 1913~1969 (OVER-ALL) 1877~1965

TABLE 17

AREA 00/1 SDUTH CENTRAL JAVA 7,95 110.06

PCT FRPO OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITKJUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFFRENCE (DEG F)

AIR-SEA	73	77	81	85	101	W	WS
THP DIF	76	80	84	8.0		FOG	₽DG
3	.0	.0	.0	2.2	1	٠.	2.2
Ž		.0	2.2	.0	1	.0	2.2
0 -1 -2 -3	.0	13.3	15.6	2.2	14	.0	31.1
-1	.0	2.2	20.0	٥	10	.0	22.2
-ž	.ŏ		20.9	.0	15	.0	33.3
-3	.0	.0	2.2	.0	1	.0	2.2
-4	.0	2.2	2.3	.0	2	.0	4.4
-7/-8	2.2	-0	. 0	ě.	ī	,0	2.2
TOTAL	1		32	•	-	ō	45
	•	10		2	45		
DCT	9.9		71.1	<b>A.</b>	100.0		100.0

PERIOD: (OVER-ALL) 1963-1969

				PC	T FRED 0	F #14D	SPEED	(KTS) AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT)		
				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4=10	11-21	22+33	34-47	48+	PCT
<1	.0	.0	•0	•0	• 0	•0	•0	•0	• 5	,0	•0	•0	•0	•0
1-2	.0	.0	•0	•0	. 9	•0	•0	• C	•0	.0	.0	.0	•0	••
3-4 5-0	.0	.0	•0	.0	.0	•0	.0	.0	.0	.0	••	.0	.0	.0
7	.0	.0	•0	.0	:0	:č	.0	.0	ŏ	.0	:0	.0	.0	ĕ
8-9		.0	• • •	.0		.0	.0	.0	.0	.0			.5	š
10-11	ě	.0	٠,٠	• 6	.0		.0	ŏ	.0	Ĭ.	.0	.0	.0	.0
12		.0	.,	.0	.0	.0		ŏ	.0	ĕ		.0		.0
13-16	ij		2.0					ň	.0	.0				ě
17-19	.č	·ò	.c		.0		.ŏ	.0	ñ	.0	.0	.0		2.
20-22	·ŏ	.0	•0		.ŏ	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.c	.0	.0	.0	.0	•6	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	č	.0	•0	•0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	•0	.0	.0	• 6	.0	.0	.0	.0	.0	•0	.0	.0
61-70	. 0	.0	• C	.c	.0	.0	.0	,0	.0	.0	.0	.0	.0	.0
71-86	. 0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	•0	.0	.0
87+	.0	.0	•0	.0	.0	.0	.0	.0	•0	.0	.0	•0	.0	.0
TOT PCT	٠.	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	.0	.0	.0
				E							SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4=10	11-21	22-33	34-47	48+	PCT
<1	6.7	6.7	•0	.0	.0	•0	13.3	•0	.0	.0	.0	•0	.0	•0
1-2	.0	6.7	.0	.0	.0	.0	6.7	.0	• 0	.0	.0	.0	.0	.0
3-4	•0	.0	•0	.0	.0	.0	.0	•0	•0	.0	•0	•0	.0	•0
5-6	.0	13.3	30.0	.0	•0	•0	43.3	•0	•0	3,3	•0	•0	.0	3.3
.7	•0	•0	10.C	.0	.0	•0	10.0	•0	•0	10.0		•0	.0	10.0
8-9	• 0	.0	•0	.0	•0	•0	•0	• ?	•0	.0	.0	•0	.0	•0
10-11	.0	.0	•0	•0	•0	.0	•0	•0	.0	,0	.0	•0	•0	.0
12	•0	•0	•0	.0	.0	.0	.0	•0	.0	.0	.0	•0	.0	:6
17-19	.0	.0	•0	.0	•0	.0	•0	.0	.0	.0		.0	.0	.0
20-22	:0	.0	•0	.0	•0	:0	•0	ž	.0				ŏ	
23-25		.0	•0	.0	٠٥			. 6	.0	:ŏ	:0	ĕ		
26-32	Š	.0	•0	.0	.0		.0	.0	.0	.0		.0	ŏ	
33-40	.6	.0	.0	.0	.0	.0	•0	ŏ	ŏ		:8	٥	:0	.0
41-48	.0	:0	.0	:6	.0	ě	.0	ě	ŏ	ö	.0	:0	.0	.0
49-40			•	.0	.ŏ	.0		ŏ	ě	.0	.0			ě
61-70	٠٥	.0	.0	ě		.0	ò	.0	ŏ	,õ		٥٠		
71-86	.0	.0	•0		.:		•0	.0	. 0			•0	.0	
87+	.0	.5	•0					,0		ŏ		. 0	.0	•0
TOT PCT	6.7	26.7	40.0	.0	•0	•0	73.3	.0		13,3		.0	.0	13.5

									JUNE				1051	0011		ENTRAL JAVA
PERICO:	COVER	I-ALL I	1963+.	467				TABLE	18 (CONT)				AREA		\$ 110	
				Pr	T FRED 0	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HFIG	HTS (FT	)		
				ς.								Sw				
HGT	1-3	4-10	11-21	22-93	34-47	48+	PCT		1-3	4-10	11-21	27-33	34-47	48+	PCT	
<1_	• ?	.0	•^	• 0	•0	٠,	•0		• 0	• 0	•0	.0	•0	• 0	.0	
1-2	• 3	٠.	•0	•0	•0	• 0	•0		.0	.0	• 0	٠,	•0	.0	.0	
3-4	. 3	.0	•6	.0	.0	•0	•0		ź	.0	.0	.0	•0	.0	.0	
5-6	• 3	.0	·^	.0	•0	.0	•0		:6	٥	.0	.0	•0	.0	.0	
7 8-9	.3	٥.		•0	.0	.0	.0		ò	.0			.0	.5	.0	
10-11	.5	.0	5. 2.	.0	.0	.5			š	.0	.0	.ŏ	• 5	.0	.0	
	. 3	.0	• •	.0	.0		•6		. ^	ŏ	.5		.0		ě	
12 13-16	ě	.0		.0		.0	•0		. 1	ŏ	.0		.0	.0	.0	
17-19	:5		·c	.0	.0	.0			^	.0	.0	.0	.5	.0	.0	
20-22	.3	.0	• ```	.0		.0	.0			ŏ		.0	.0	.0		
23-25		.0		.0	ř	.0	.č		2	.0			.0			
26-32	ä	.0	Č	.5	• 5		.0		,	. 5			.5	.0		
33-40	č	.0		.0	٠ó	.0	.5		- C	٥	.5		•0	.0		
41-48	. 3	.5		.ŏ	:,	.0	.0		•	.0		.0	.0	.0	.0	
49-60			.0			.0	.0		ำ	ō			.0	.0	.0	
61-70	.0	.ŏ	• 0	.0	:0	.0	.0		. 0	.0	.õ	.0	.0	.0	.0	
71-00	ě	.0	. ^			.č	.0		'n	.0		.0	•0	.0		
87+	. 3	.0	.c	.5		.5	.0			.0	.0	.0	. 5	.0	.0	
TOT PCT	.0		ž	.0	.0	.0	٥.		. 0	.0	.0	.0	• 0	.0	.0	
1111	• •	•••	•••	••	•	• • •	• • •		•	•						
				*			PCT		1-3	10	11-21	27-33	34-47	48+	CT	TOTAL PCT
HGT	1-3	4-10	11-2:		34-47	48+					.0	.0	,,,,,,	.0		P.C.1
<1 -	٠:	.0	•¢	• 2	• 5	•0	•0		.^	.0			•0	.0	.0	
1-2	•0	.0	• ^	.0	•0	•0	•0		• ^	Ü	.0	.0	•0	.0	.0	
3-4 5-6	:3	.0	•0	.0	.0	.0	•6			ŏ		.0	š	.5	ě	
7	.5	.0		•0	• •	.0			ŏ	٥	.0	.0	.0	.0	.0	
8-9	. 5			.;	•	٠.	.0		. 5	.0	.0	.0	• 0	.5	.0	
10-11	.0	.0	.0		.ŏ	.0			č	٥			.5	.0		
12	.5	.0	• 0	.0	.0		• 0			.0	.0	.5	.0	.0	.0	
13-10				.0	. 0	.0	.0		.5	.0		.0		.0		
7-19	91	.0			Ď	.0	.0		.0	.0	.0		.0	.0	.0	
20-42	:5	.0	٠.	.,		4.0	.0		• 0	.0		•0		.c	.0	
23-25	. 5	. 2	0			.0	.0			.0	.0	.0	.0	.0	.0	
26-32	. 5	.0	.0	.0	• •	٠.	•0		.0	.0	.0	.0	• 5	.0	.0	
33-40	. 5	.0		.0	. 0	. 5	.0		.0	.0	. 5	.0	• 0	.0	.0	
41-48	.c	.0	.0	.0	. 3	.0	.0		. 5	.0	.0	.0	.0	.0	.0	
49-00	ō	.0		ž		.0	.0		.0	.0	.0	•0	•0	. 5	.0	
61-73	.0	.č	3.5	.0	. 0	.0	.0		.0	.0	.0	.0	.0	٥٠	.0	
71-96	. 6	.0	•0	.0	. 5	.0	.0		• 2	.0	.0	.0	• 0	.0	.0	
57+	. 0	.0	• ^	.0	.0	.0	. 0		• 2	.0	.0	.0	• 0	.0	.0	
TO PCT	.5	.0	0	• 0	.0	.0	.0		.0	.0	.0	.0	• 0	.0	.0	86.7

	m I NO	SPEED	(KTS)	VS SEA	HEIGHT	(*T)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT OBS
<1	23.5	11.2	.c	.0	.0	.0	35.3	
1-2	.0	5.9	.c		.0	.0	5.9	
3-4	.0	.0	.c	.0	.0	.0	.0	
5-6	.0	11.8	29.4		.0	.0	41.2	
7	.0	.0	17.6	. 0	.0	.0	17.6	
8-9	.0	.0		. 5	.0	, n	.0	
10-11		.5	.0	.0	.0	.0	.0	
12	.0	Ď	.c	.0	.0	.0	.0	
13-16	.0	.0	.0	. 0	.0	.0	ō	
17-19	.c	š	.0	.0	.0	.0		
20-22	.0	.5	.c	. 0	.0	.0	·ò	
23-25	.0	.0	.c	.0	.0	. 0	ě	
26-32	.5	. 0	.0	.0	.0	.0	.õ	
33-40	.0	ō		.0	.0	.0	.0	
41-48	.5	.0	. C	. 0	.0	. 1	.0	
49-60	.0	.0	.0	.0	.0		.ŏ	
61-70	, o		.0	. 0	.0	. 0	.0	
71-86	.ó		.c	ō	.0	.0		
87+	.ŏ	.0		ŏ	.0			
3,0	••	••	••	••	• • •	••	••	17
TET PET	23 5	29.4	47.1	.0	.0	.0	100.0	• '

PERIO	: נרץ	ER-ALL	) 194	9-1769	•				TABLE	19											
					PERCENT	FRE	QUENCY OF	WAV	E HE10	HT (F	r) VS	HAVE P	ERIDD	(SECON	051						
15EC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	50-55	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN MGT
€6	.4	13.0	8.7	٠.	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	2
5-7	.0	4.3	8.7	4.3	4.3	. ?	8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	6
8-9	. 0	.0	.0	.0	26.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	•0	٠.	.0	.0	٠.	7	7
10-11	.6	. 0	.0	.0	.0	4.3	.c	.0	.0	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	1	
12-13		.0	.0	.0	.0	.0	.0	٠.٥	.0	.0	:0	.0	.0	0	.0	• • • •	.0	.0	.0	0	
>13		.0	. 0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	0	
INDET	4.3	8.7	. 0	.0	.0	. 6	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	3	1
TOTAL	1		- 4	1	7	2	2	٥	8	0	0	C	c	٥	٥	٥	٥	ā	0	23	5
PCT	4.3	26.1	17.4	4.3	30.4	8.7	8.7	٠ŏ	. č	.ŏ	•0	•0		.0	.õ	. Ó.	.ŏ	.ŏ	٠ŏ	100.0	-

TABLE 1

AREA 0011 SDUTH CENTRAL JAVA 7.85 110-2E

PERCENT	FREQUENCY	OF WEATHER	DCCURRENCE	BY MIND	DIRECTION

				RECIPI	GITAT	Y TYPE					OTHER	HEATHER	PHEND	MENA		
WND CIR	RAIN	RAIN SHHR	DRTL	FRZG FCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HDUR	THOR LTNG	FOG HO PCPN	FOG WO PCPN PAST HR	SMOKE	SPR. BLWG BLWG	DUST	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	٠.0	.0	.0		. 0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0		.0	100.6
E	2.8	2.8	.0	.0	.0	.0	.0	5.6	.0	2.8	.0	.0	.0		.0	44.4
SE	.0	. 0	.0	.0	.0	.0		.0	.0	.0	• 0	.0	.0		• -	100.6
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		• 0	100.0
5 e	.0	٠.	.0	.0	.0	.0	.c	.0	.0	.0	• 0	.0	.0		• 0	100.0
N	.0	.0	.0	.0	.0	.0	. 0	.0	.0	.0	•0	.0	.0		.0	.0
Nie	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	ŏ	. 5		.0	.0
VAR	. 0	.0	.0	.0	.c		.0	.0	.0	.0	.0	.0	.0		.0	.0
CALM	. 5	.0	.0	.0	.0	.0	.0	.0	.0	,0	•0	. 5	.0		.0	.0
TOT PCT	1.7	1.7	.0	•0	•0	.0	.0	3.3	•0	1.7	•0	•0	•0		•0	96.7

TABLE 2

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	CITAT	N TYPE					STHER	HEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	PAIN SHWR	DRZL	FRZG PCPN	SNDW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	FOG #D PCP4	FUG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
00603 06669 12615 18621	.0 .0 5.3	11.8	.0	.0	.0	.0	.0000	11.8 .0 .0 5.3	•0	.0 10.0 5.3	.0	.0	•0	.0	88.2 100.0 90.0 94.7
TOT PCT	1.6	3.2	.0	.0	•0	.0	.0	4.8	.0	3.2	•0	•0	•0	,0	93.7

# TARLE 3

### PERCENTAGE PRECUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		417	IN SPE	ED (KNI	DTS)								HOUR	(GHT)			
HND DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT FREQ	MEAN GRZ	20	03	06	09	12	15	18	21
N	.0	.4	. 1	.0	.0	.0		. 5	7.4	.6	•0	.0	.0	1.3	.0	.0	1.4
NE	. 5	2.0	. 6	.0	.0	•0		3.1	7,1	6.5	•0	1.9	•0	1 /	•0	3.4	4.7
E	• 7	21.3	14.2	.7	.3	•0		41.3	10.9	46.3	100.0	46.0	35.7	?,,6	50.0	44.1	36.5
SE	1.3	26.5	18.9	1.3	.3	•0		48.4	10.8	37.3	•0	47.3	59	55.0	50.0	46.9	48.0
5	. 1	2.8	. 4	. 0	.0	.0		3.3	6.9	4.3	.0	2.1	4.5	3.8	.0	2.6	2.7
S is	.0	. 9	. 6		.0	.0		1.6	11.2	3.7	•0	1.6	.0	2.5	.0	.6	.7
¥	. 1	.0	.0	.0	.0	• 0		.1	2.0	•0	•0	.0	.0	.0	.0	.6	. 0
Nh	. 1	.7	.0		.0	.0			5.6	1.2	. 5	.0	. 0	. 0	.0	. 6	3.4
VAR	.0	•0	.0		.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	•0
CALP	. 6							. i	.0	•0		1.1	.0	.0	.0	1.1	2.7
TOT CAS	18	264	168	10	3	0	483		10.4	81	ĭ	94	63	80	ì	89	74
TOT PCT	3.7	54.7	33.9	2,1	.6	•0		100.0	•		100.0				100.0		100.0

						•						
WND DIR	0-6	WIND 7-16	5PEED 17-27	(KNOTS) 28-40	41+	TOTAL DBS	PCT FREQ	MEAN SPD	00 03	HDU# 06 09	12 12 15	16 21
N,	.3	.2	.0	.0	.0		.5	7.4	.6	.0	1.2	. 6
NE	1.7	1.4	.0	.0	.0		3.1	7.1	6.4	1.1	1.9	4.0
E	7.2	29.8	3,8	. 5	. 0		41.3	10.9	47.0	41.9	35.8	40.6
ŠĘ	9.2	32.9	5.8	, 5	.0		48.4	10.8	36.9	52.2	54.9	47.4
5	2.2	1.0	.1	, 0	.0		3.3	6.0	4.3	3.2	3.7	2.8
Šw		.1	. 6	.0	. 0		1.6	11.2	3.7	1.0	2.5	
W	.1	.0	.0	.0	.0		•1	7.0	.0	.0	.0	.3
Nw	. 6	.2	.0	ن	.0		. 8	5.6	1.2	.0	.0	1.8
VAR	.0	.0	. 0	.0	.0		.0		.0	.0	.õ	
CALM			• •	•			. 8	.0	,0	.6	.0	1.8
TOT DAS	111	317	50	5	0	483	•••	10.4	62	157	ěĬ	163
		40.4			- 1							

٠	1:	ıř	v	

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PERIJDI (PRIMAR							YJUL					
	Y) .913-197 LL) 1857-197	2					TABLE 4				AREA 001	1 SOUTH CENTRAL JAVA 7.85 110.2E
			PER	CENTAGE	FREQUE	24 01	WIND SP	EFD BY	HOUR	(GPT)		
	HONR	CALH	1-3	4-10	# [ND 11-2]	SPEEC 22-33	(KNOTS) 34-47	48+	MEAN	PCT FREQ	TOTAL DBS	
	00603 06609 12615 18621 TOT PCT	.0 .6 .0 1.8 4	4.9 2.5 .0 3.7 14 2.9	52.4 54.1 58.0 54.6 264 54.7	41.5 38.9 38.3 38.0 188 38.9	1.2 3.8 2.5 .6 10	1.2	.0	10.8	100.0 100.0 100.0 100.0	82 157 81 163 483	

...

				AALE 5								T	ABLE 6					
		(	BY WIN	D DIREC	TIEN	(EIGHTHS) MEAN		1	PERCEN	TAGE F	REQUEN	ICY OF	CEILIN NH <5/	16 hé 16 18 <b>b</b> y h	HTS (	FT://H IRECTI	>4/8) GN	
WID DIR	0-2	3-4	5-7	DBSCD	TETAL FBS	CEDUD	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7513	8000+	NH <5/8	UTAL
YE E S S S M	28.0 12.2 28.0 12.2	17.1 7.3 .0	.0 4.9 7.3 7.3 .0 7.3	2.4		.0 4.8 2.9 3.9 .0 6.3	•0	000000	.000000	2.4	.0	2.4 4.9 2.4 .0	7.3	• • • • • • • • • • • • • • • • • • • •	•0	.0.0.0	3.7 47.6 22.0	
VAR CALM TOT OBS TOT PCT	.0 .0 17	.0 .0 .0 10 24.4	.0 .0 .0 11 26.8	.0 .0 .0 3	41 100.0	.0 .0 .0	•0	000000	000000	.0	.0	.0	.0 .0 .0 .0	•••••	•0	•0	.0 .0 .0	41

TARLE 7 CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURRENCE OF CEILING MEIGHT (NH )4/8; AND VSBY (NM)

CEILING (FEET)	• UR >10	• DR >5	• DR >2	V\$BY (NF - OR >1	• OR >1/2	= 3R >1/4	= DR >50YD	= 0R >0
• OR >6500 • OR >5000 • OR >3500 • OR >2000 • OR >1000 • OR >600 • OR >300 • OR >150 • OR >0 • OR >150	.0 9.1 18.2 22.7 25.0 25.0 25.0	.0 9.1 18.2 22.7 25.0 25.0 27.0 27.0	9.1 18.2 22.7 25.0 25.0 25.0	9.1 18.2 22.7 25.0 25.0 25.0	.0 5.1 18.2 22.7 25.0 25.0 25.0	9.1 18.2 22.7 25.0 25.0 25.0	9.1 18.2 22.7 25.0 25.0 25.0	.0 9.1 18.2 22.7 25.0 25.0 25.0

TOTAL NUMBER OF DBS: 44 PCT FRED NH <5/8: 75.0

TABLE 7A PERCENTAGE FREQ DF CON CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 OBSCD OBS 6.7 20.0 26.7 11.1 8.9 15.6 6.7 4.4 .0 .0

To be a superior of the superi

	857-1972						TA	fr .					
		Þ	BRCENT	FREQ	OF WIN	D DIREC	TION V	ING VA	RRENC	E OR N	IBILI	CURRENG TV	E OF
VSBY (NH)		*	NE	E	SE	S	SW	W	Nĸ	VAR	CALM	PCT	TOTAL
	PCP	.0	.0	.0	.0	.0	. 2	.0	.0	.0	.0	.0	
<1/2	NO PCP	.0	.0	.0	.0	•0	. 7	. 0	.0	.0	• 0	.0	
	TOT \$	.0	.0	•0	.0	•0	• 3	.0	•0	.0	•0	.0	
	PCP	.0	•0	.0	.0	•0	•0	.0	.0	.0	•0	.0	
1/2<		.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	
	TOT %	. 0	.0	.0	.0	.0	ř	.0	.0	.0	.0	.0	
	PCP	.c	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	
1<2	NO PCP	.0	.0	.0	.0	• 0	. 0	.0	•0	.0	.0	.0	
•	TOT %	.5	.0	.0	.0	•0	•0	.0	.0	.0	•0	.0	
	PCP	40	.0	.0	.0	.0	• 2	.0	.0	.0	.0	.0	
2<5	NO PCP	. 0	.0		.0	•0	.0	.0	.0	.0	.0	.0	
	TOT &	.0	.0	.0	.0	•0	•0	.0	•0	.0	•0	.0	
	PCP		.0	1.7	.0	• 0	•0	.0	.0	.0	•0		
5<10	10 PCP	.0	.0	17.5	. 8	• 0	.0	.0	.0	.0	. 0	18.3	
	107 %	.c	.0	19.2	.8	•0	• 0	.0	•0	.0	.0	20.0	
	PCP	.e	٠,	1.7	.0	.0	• 0	.0	.0	.0	.0	1.7	
10+	NO PCP	.0	4.2	39.2	26.7	2.3	5.0	.0	.0	.0	.0	78.3	
	TOT #	.c	4.2	40.8	26.7	3.3	5.0	.0	.0	.0	•0	80.0	
	TOT 085												60
	TOT PCT	.0	4.2	60.0	27.5	3.3	5.0	.0	.0	.0	•0	100.0	

TABLE 9

				PERCEN	T FREQ	OF WIR	NO DIRE	CTION OF VI	VS KII SIBIL	ND SPE	ED		
VSBY (NM)	SPD KTS	N	NE	£	SE	\$	S₩		NW	VAR	CALM	PCT	TOTAL
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-
<1/2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		, o	
	11-21	.0	.0	.0	.0	.0	.0	• 0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	•0	.0	.0	•0	.0	•0	.0	.0	•0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	•0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	٠,٥	.0		.0	
	TOT %	.0	•0	.0	•0	.0	.0	.0	.0	.0	•0	.0	
	0-3	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	•0	.0	•0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.4	.0	.0	.0	.0	.0		.4	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	•0	.0	.4	•0	.0	.0	.0	.0	•0	.4	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	• 2	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	•0	.0	.0	.ò	.0	.0	.0	.0	.0	, o	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5<10	4-10	.0	•0	.7	• 2	.0	.0	.0	.0	.0		. 9	
	11-21	.0	.0	5.0	.7	.0	.0	.0	.0	.0		5,7	
	22+	.0	٠.٥	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	•0	5.7	. 9	.0	.0	.0	.0	. 0	•0	6.5	
	0-3	.0	.9	.7	1.1	.0	.0	.2	. 2	.0	1.3	4.3	
10+	÷-10	.2	3.0	20.2	23.9	2.2	.4	• 0	. 4	.0		50.4	
	11-21	.0	• 2	15.9	18.7	- 4	1.3	.0	.0	.0		36.5	
	22+	. 5	.0		1.3	.0		.0	.0	.0		1.7	
	TOT \$	.2	4.1	37.2	45.0	2.6	1.7	.2	.7	•0	1.3	93.0	
,	TOT DAS												230
1	TOT PCT	.2	4.1	42.8	46.3	2.6	1.7	. 2	.7	.0	1.3	100.0	

TABLE 10

AREA 0011 SOUTH CENTRAL JAVA 7.85 110.2E

PERCENT	FREQUENCY OF CPICING HEIGHTS (FEET, NH >4/8) OCCURRENCE OF NH <5/8 BY HOUR	AND

HOUR (GMT)	000 149	190 299	300 599	99	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
£03C0	.0	.0	.0	.0	15.4	7.7	15.4	.0	.0	.0	38.5	61.5	13
90360	.0	.0	.0	.0	.0	.0	16.7	.0	.0	.0	16.7	43.3	12
12615	.0	.0	.0	.0	.0	28.6		.0	.0	.0	28.6	71.4	7
18221	.0	.0	.0	8.3	.0	0,3	.0	.0	.0	•0	10.7	83.3	12
101	0	0	0	2.3	2	9.1	9.1	0	0	0	11	33 75.0	100.0

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VS8Y	(NH)	AUCH YB		CUMULAT					(MM) YBZV RUCH YB&C	
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TSTAL GBS	HOUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00603	•0	.0	2.2	.0	8.9	88.9	45	00603	•0	•0	.0	38.5	61.5	13
96330	.0	.0	.0	.0	2.7	97.3	74	90360	.0	•0	.0	16.7	83.3	12
12615	.0	.0	.0	.0	7.5	92.5	40	12615	•0	.0	.0	28.6	71.4	7
18621	. 0	•0	. 0	•0	8.1	91.9	74	18621	.0	•0	8,3	8.3	83.3	12
TOT	.0	•	1	.0	15	217 93.1	233 100.0	TOT PCT	0	.0	2.3	10 22.7	33 75.0	190.0

TA9\_F 13

TABLE 14

	PERC	ENT FR	EQUENC	Y UF R	ELATIV	E HUMI	DITY B	Y TEMP				PERC	ENT FR	EQUENC	Y OF W	IND DIF	RECTION	6 BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL DBS	PCT FREQ	N	NE	E	SE	S	SW	w	NH	VAR	CALM
85/89	.0	.0	.0	.0	5.9	.0	2.0	.0	3	8.8	.0	2.9	1.5	1.5	.0	2.9		.0	.0	.0
80.184	.0	.0	.0	.0	.0	20.6	8.8	.0	10	29.4	.0	2.9	12.5	11.0	.0	2.9	.0	.0	.0	.0
75/79	.0	.0	.0	.0	.0	2.9	44.1	11.8	20	58.8	.0	0		14.0	.0	. 0	.0	.0	.0	.0
70/74	.0	.0	.0	.0	.0	.0	.0	2.9	1	2.9	.0	.0	.0	.0	2.9	.0	.0	.0	.0	.0
TOTAL	0	0	0	0	2	8	19	5	34	150.0										
PCT	•0	.0	•0	•0	5.9	23.5	55.9	14.7		•	.0	5.9	58.8	26.5	2.9	5.9	•0	.0	•0	٠.

TABLE 15

TABLE 16

	MEANS,	EXTREM	S AND	PFRCEN	TILES	OF 16	4P (DE	G F) B	Y HĐUR
HOUR (GMT)	MAX	99\$	95%	50%	5%	14	MIN	MEAN	TOTAL
60300	86	85	84	78	74	12	72	78.2	84
06609	90	89	85	80	76	74	73	80.5	152
12815	83	82	82	78	75	74	74	78.6	٤.
18621	83	82	82	77	73	73	71	77.5	163
TOT	90	87	84	78	74	73	71	78.7	480

FERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR 0-29 30-59 60-69 70-79 80-89 90-100 MEAN TOTAL
(GHT)
00603 .0 14.3 .0 42.9 28.6 14.3 78 7
00609 .0 .0 22.2 22.2 25.6 .0 76 9
12615 .0 .0 .0 37.5 50.0 12.5 83 8
12621 .0 .0 .0 15.4 61.5 23.1 85 13
TOT 0 1 2 10 19 5 81 37

JULY

PERIOD: (PRIMARY) 1913-1972 (OVER-ALL) 1857-1972

TABLE 17

AREA 0011 SOUTH CENTRAL JAVA 7.85 110.2E

ст	FREO	0#	AIR	TEMPERATURE (DI	G F	) AND	THE	DECURRENCE	Q#	FOG	INITHOUT	PRECIPITATION	
			-	UC 419_C		EMOFE	ATHE	E DISEFRENCI		neg e			

AIR-SEA THP DIF	69	73 76	77 80	81	65 88	99	TOT	# FOG	#0 ₽86
	_			_	^	• •			• •
9/10	.0	•0	.0	• 0	.0	2.6		.0	2.6
4	.0	• 0	5.1	• 0	5.1	.0		.0	10.3
3	.0	• 0	.0	5.1	.0	.0	2	.0	5.1
2	.0	2.6	5.1	9,1	.0	.0	2 5	.0	12.8
ī	.ŏ	• 0	5.1	.0	2.6	• 6	3	.0	7.7
0	.0	•0	10.3	5.1	.0	.0	6	.0	15.4
-1	.0	2.6	15.4	2.6	.0	.0	8	.0	20.5
-ž	2.6	•0	7.7	5.1	.0	• 0	6	.0	15.4
-3		•0	5.1	.0	.0	.0	2	.0	5.1
-5	.0	2.6	2.6	.0	.0	.0	2	.0	5.1
TOTAL	- 1		22	••	3	•••	_	Õ	39
-	_	3		9		1	ډ <u>۽</u>		
PCT	2.6	7.7	56.4		7.7	2.6	100.0		100.0

PERIOD: (DVER-ALL) 1963-1972

				PC	T FREQ D	F WIND	SPEED	(KTS) AND	DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)		
				N								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1=3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	• 0	.0	.0	•0	.0		•0	.0	.0	.0	•0	•0	.0
1-2	.0	.0	• 0	.0	.0	.0	.0		•0	• 0	.0	•0	•0	•0	•0
3-4	• 0	.0	•0	.0	.0	.0	.0		• 0	• 0	.0	•0	•0	.0	•0
5-6	.0	.0	• 0	.0	.0	.0	.0		•0	•0	•0	•0	•0	•0	• 0
7_	•0	.0	•0	.0	.0	• 0	.0		• 0	•0	.0	•0	.0	•0	•0
8-9	•0	.0	•0	•0	.0	•0	•0		• 0	• 0	.0	•0	•0	•0	•0
10-11	.0	.0	•0	•0	•0	.0	•0		• 0	.0	.0	•0	•0	.0	•0
12	.0	.0	•0	•0	•0	.0	.0		•0	•0	.0	•0	•0	•0	•0
13-16	.0	.0	•0	.с	.0	•0	•0		•0	٥٥	.0	•0	•0	.0	•0
17-19	٠,	• 0	•0	.0	.0	.0	•0		•0	•0	•0	.0	•0	•0	•0
20-24	.0	٠,	•0	•0	.0	٥.	•0		•0	.0	•0	•0	•0	•0	•0
23-25 26-32	.0	.0	•0	•0	.0	.0	•0		.0	٥٠	•0	•0	•0	.0	.0
33-40	.0	.0	•0	•0	:0	.0	.0		.0	.0	•0	•0	•0	.0	.0
41-48	.0	.0		.0	.0	.0	.0		.0	.0	•0	.0	.0	.0	.0
49-60	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	.0		.0
61-70	č		•0	.0	.0	.0	.0		.0	.0	.5	:0	.0	:ŏ	.0
71-86		. 0	.0	•0	.0	.ŏ	.0		.0	ŏ	.0	.0	.0	.0	.0
87+	.0	:0	.0	.0	.,	.0	:0		.0	ŏ	.0	.0	•0		.0
TOT PCT	č	.0	.0	.0	. 6		.0		.0	ŏ	.0	.0	•0	.0	.0
rai PCI	••	••	• •	••	••	••	•0		••	,,	••	••	••	••	••
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	.2-33	34-47	48+	PCT
<1	.0	.0	•0	•0	.0	.0	•0		.0	.0	.0	•0	• 0	.0	.0
1-2	.0	.0	•0	•0	.0	.0	.0		•0	•0	12.5	-0	•0	•0	12.5
3-4	.0	.0	•0	•0	.0	.0	.0		•0	• 0	.0	•0	•0	• 0	.0
5-6	.0	.0	18.8	•0	۰,	٠.	18.8		•0	•0	31.3	•0	•0	.0	31.3
7	.0	.0	•0	•0	.0	.0	.0		• 0	•0	•0	•0	•0	.0	.0
8-9	.0	.0	•0	•0	.0	.0	•0		•0	.0	•0	•0	• 0	•0	•0
10-11	.0	.0	•0	•0	.0	.0	.0		•0	•0	.0	•0	• 0	.0	•0
12	٠.	.0	•0	•0	•0	.0	.0		•0	•0	.0	•0	•0	.0	•0
13-16	.0	•0	•0	.0	.0	.0	•0		•0	•0	.0	•0	• 0	.0	•0
17-19	.0	.0	•0	•0	•0	.0	•0		•0	•0	•0	•0	•0	.0	.0
20-22	.0	.0	•0	•0	.0	.0	•0		•0	•0	•0	•0	•0	.0	•0
23-25	•0	.0	•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	.0	•0
26-32	•0	.0	•0	•0	.0	•0	.0		•0	•0	•0	•0	•0	•0	.0
33-40	•0	.0	•0	•0	.0	.0	.0		•0	•0	•0	•0	•0	٠,٥	•0
41-48	٠.	.0	•0	•0	.0	2	•0		•0	•0	•0	•0	•0	.0	•0
49-13	•0	.0	•0	•0	٠.	•0	•0		•0	•0	.0	•0	•0	•0	•0
61-70	.0	•0	•0	•0	.0	.0	•0		.0	•0	.0	•0	•0	٠٥	•0
71-86	•0	.0	•0	•0	••	•0	•0		.0	•0	•0	•0	•0	•0	•0
87+	•0	.0	0	•0	• 0	.0	0		•0	.0	43.0	•0	•0	.0	43.8
TOT PCT	.0	.0	18.8	•0	.0	•0	18.8		.0	•0	43.8	•0	•0	.0	75.0

*****	201-50		10.3.1	073					JULY				4054	Dell South course is				
PEKIUDI	[OD: (OVER-ALL) 1903-1972 TABLE 18 (CONT)								AREA 0011 SOUTH CENTRAL JAVA 7.85 110.2E									
							<b>EBEER</b>		AND DIRE		-		UTS (87)		-	_		
				,		15 MINO	SPEEU	10131	AND SINE		EKJU3 3		nia tri					
HGT	1-3	4-10	11-21	S 22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT			
₹1		.0	.0	.0		.0	.0		• 0	.0	.0	•0	.0	.0	.0			
1-2	.0	.0	•0	.0	.0	.0	.0		.0	.0	12.5	•0	.0	.0	12.5			
3-4	ō	.0	•0	.0		.0	.0		.0	.0	.0	•0	.0	.0	.0			
5-6	· a	.0	.0	.0	.0	.0	.0		.0	•0	25.0	•0	•0	.0	25.0			
7	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	.0			
8-9	.0	.0	.0	.0	.0	.0	.0		.0	• 0	.0	.0	•0	.0	•0			
10-11	.0	.0	•0	.0	•0	.0	•0		,0	.0	.0	•0	•0	•0	.0			
12	.0	.0	•0	.0	.0	.0	•0		•0	•0	•0	.0	•0	•0	•0			
13-16	.0	.0	•0	.0	.0	.0	.0		•0	•0	•0	•0	•0	•0	•0			
17-19	.0	.0	•0	.0	•0	.0	•0		•0	• C	.0	•0	•0	.0	•0			
20-22	.0	.0	•0	.0	.0	.0	.0		•0	•0	.0	•0	•0	•0	•0			
23. 25	.0	.0	•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	.0	•0			
20-32	.0	.0	•0	.0	.0	.0	•0		.0	.0	.0	•0	•0	.0	•0			
35-40	.0	.0	•0	•0	.0	•0	•0		•0	.0	• 5	• 0	•0	.0	•0			
41-48	٠.	.0	•0	.0	.0	.0	•0		.0	.0	.0	•0	•0	:5	.0			
49-60 61-70	•0	.0	0.0	.0	.0	.0	•0		.6	٠٥	.0	.0	.0	.0	.5			
71-86	.0	.0	•0	• • • • • • • • • • • • • • • • • • • •	.0	:0	.0		.0	.0	.0	.0	•0	.0	.0			
87+	.0	.ŏ	•0	.0	.0	.0	.0		ő			.0	ŏ					
TOT PCT	·ŏ	.ŏ	.ŏ	.0		.0	.0		.0	.0	37.5	• 6	.0	.0	37.5			
				W								NW				TOTAL		
HGT	1-3	<b>→-10</b>	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT		
<1	.0	.0	•0	•0	.0	•0	•0		•0	.0	•0	•0	•0	.0	•0			
1-2	.0	.0	•0	.0	•0	•0	•0		•0	•0	•0	•0	•0	٠,	•0			
3-4	•0	• 0	•0	.0	.5	•0	•0		•6	.0	.0	.0	•0	.0	•0			
5-6 7	.0	.0	•0	.0	.0	.0	.0		ő	٥٠	.0	.0	ŏ		•0			
8-9	.0	.0	•0	.0	.0	.0	.0		ő		.0	:0	•0	.0	•0			
10-11	.ŏ	.ŏ	.0	ŏ	ň	.0	.0		ő	.0	.0		.0	ŏ	·ŏ			
12			.0		.0	.0	.0		ň	.0	.0	.0	•0	. 5	•0			
13-16		.ŏ	•0		.0	.0	.0		ó	.0	.0	.0	• 0	.0	.0			
17-19	.a	.0	.0		.0	.0	.0		. 0	.0	.0	.0	.0	.5	.0			
20-22	.0	.0	.0		.0	.0	.0		.0	.0	.0	.0	.0	.0	.0			
23-25	.0	.0	.0		.0	•0	.0		.0	.0	.0		•0	.0	.0			
26-32	.0	.0	.0		.0	.0	Ċ		.0	.0	.0	.0	•0	.0	.0			
33-40	.0	.0	.0	.0	.0	•0	. 0		.0	.0	.0	.0	.0	.0	.0			
41-48	.0	.0	.0		.õ	.0	·		.0	.0	.0	.0	.0	.0	.0			
49-60	.0	.0	.0		.0	•0		)	•0	.0	.0	.0	.0	.0	.0			
61-70	.0	.0	.0	.0	.0	•0	.0		.0	.0	.0	.0	•0	٥.	•0			
71-86	.0	.0	•0	.0	.0	.0	• 0		•0	.0	.0	.0	.0	.0	.0			
87+	.0	٠.	•0		٠.	•0	.0		•0	•0	.0	.0	•0	.0	•0			
TOT PCT	.0	.0	•0	.0	•0	.0	.0	)	•0	.0	.0	.0	•0	.0	•0	100.0		

Ü

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	.0	.0	.0	.0	.0	.0	.0	
1-2	.0	.0	25.0	.0	.0	.0	25.0	
3-4	.0	.0	.0	.0	٠.	.0	.0	
5-6	•0	.0	75.C	.0	.0	.0	75.0	
7	.0	.0	• C	.0	.0	.0	.0	
8-9	.0	.0	.0	. 0	.0	.0	.ŏ	
10-11	.0	.0	.0		.0	.0	.0	
15	.0	.0	.0	. 0	.0	.0	.0	
13-16		.0		ō	.0	.0	.0	
17-19	·ŏ	.0	. 0	.0	.0	.0	.0	
20-22		.0	.0	. 0	.0	.0	ŏ	
23-25	.0	ě	.0			.0		
26-32	.0		.0		.0			
33-40	.0	.0					ŏ	
41-48	.ŏ	.ŏ	.0			ň	ŏ	
49-60								
	.0	•0	•0					
61-70	•0	•0	•0				•0	
71-86	•0	•0	•0				•0	
87+	.0	•0	•0	.0	•0	•0	.0	
TOT PCT	•0	.0	100.0	.0	.0	.0	100.0	8

PERIO	D: (8V	ER-ALL	) 194	9-197	2				TABLE	19											
					PERCENT	FREC	DUENCY	OF W	AVE HEI	GHT (F	T) VS	WAVE P	ERIOD	(SECONI	)\$ }						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	1	2 13-16	17-19	20-24	23+25	26-32	33-40	41-48	49-60	61-70	71-65	87+	TOTAL	MEAN HGT
<6	5.9	17.6	5.9	11.8	17.6	.0	.0		0 .0	.0	:0	.0	.0	.0	.0	.0	.0	.0	.0	10	4
6-7	•0	.0	.0	.0	23.5	.0	.0		0.0	.0	.0	.0	.0	.0	.0	.0	.0	٠.	٠.	4	7
8-9	• 0	.0	.0	.0	5.9	.0	.0		0.0		;0	• • 0	.0	.0	.0	.0	.0	.0	.0	1	7
10-11	• 0	.0	.0	.0	5.9	.0	.0		0.0		.0	.0	.0	-0	•0	.0	.0	.0	.0	1	7
12-13	.0	.0	.0	.0	.0	.0	.0		o .o	.0	.0		.0	.0	.0	.0	.0	.0	.0	٥	
>13	.0	.0	.0	.0	.0	.0	.0		0 .0	0	:0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INDET	• 6	.0	.0	.c	5.9	.0	.0		ō .ō		.0	.0	.0	.0	.0	.0	.0	.0	.0	1	7
TOTAL	1		1	2	10	Ŏ	0	•	0 0	0	0	0	0	0	0	0	0	0	0	100-0	5

TO SECURITY OF THE PROPERTY OF

TABLE 1

AREA 0011 SOUTH CENTRAL JAVA 7.75 110.16

是是一个人,我们就是这个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们也是一个人的,我们也是一个人的,我们也是一个人的,我们也是一个人的,也是 第一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们就是一个人的,我们

# PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

			•	RECIPI	TATION	TYPE					OTHER	WEATHER	PHEND	MENA		
WND DIR	RAIN	RAIN SHWR	DR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR	FOG NO PCPN	FOG WO PCPN PAST HR	SHOKE		DUST	
N HE SE S Sw W W W YAR CALM	.0 .0 5.3 .0 .0					.00000000000000000000000000000000000000	00000000000	.0 .0 .0 .0 .0 .0	.0	.0 .0 5.3 .0 .0		•0	.0 .0 .0 .0		000000000	100.0 100.0 49.3 100.0 .0
TOT PCT	2.7 37	٠.	.0	.0	•0	•0	.0	2.7	•0	2.7	•0	•0	•0		•0	94.6

TARLE 2

#### PERCENT PREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (G4T)	RAIN	RAIN SHWR	ORZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST POUR	THDR LTNG	FOG WD PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
00803 06809 12815 18821	.0 .0 .0 12.5	.0	.0	.0	.0 .0	.0	•0	.0 .0 .0 12.5	.0 .0 .0	12.5 .0 .0	.0 .0 .0	•0	•0 •0 •0		87.5 100.0 100.0 87.5
TOT PCT	2.7	.0	.0	.0	•0	•0	•0	2.7	•0	2.7	•0	•0	•0	•0	94.6

TARLE S

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

				ED (KNO		_						•		(GHT)			21
WND DIR	0-3	4-10	11-21	22-33	34-47	45+	TOTAL	FREQ	HEAN SPD	90	03	06	09	12	15	18	۷٠
N NE	•0		.0	.0	•0	•0		.9 2.4	6.1	1.8	16.7	2.9	.0	1.3	•0	2.1 5.0	2.3
E	1.4	1.5	15.9	.1	.0	.0		34.4	10.6	41.7	50.0	37.3	33.0	23.3	50.0	27.3	43.0
\$ <b>E</b> \$	1.0	23.5	27.9	•0	•0	•0		53.2 5.9	9.1	46.1	33.3	48.2	53.8	9.7	50.0 .0	57.1 5.0	3.7
ŠW	.0	.0	.5	.0	•0	.0		.5 1.0	16.7	.9 1.8	•0	.7 3.6	.9	.7	•0	.0	•0
Nw	.1	.5	.0	.0	.0	.0		.0	4.4	•0	•0	1.4	• •	•0	•0	.0	1.6
VAR Calm	1.0	•0	•0	-	•0	•0		1.0	:0	.0	•0	1.4	1.9	•0 75	.0	1.4	1.6
TOT CBS	18	186 47.3	185 47.1	1.0	.0	.0	393	100.0	10.7	57 100•0	100.0	100.0	53 100.0		100.0		

TABLE 3A

		WIND	SPEED	(KNOTS)						HOUR	CONT	)
WND DIR	0-6	7-16	17-27	28-40	41+	TOTAL	PCT	HEAN	00	06	12	18
#110 UIN					•••	DBS	FREG	SPD	03	09	15	21
N		.3	•0	.0	.0		.,	4.1	1.7	.0	1.3	1.1
NE		1.7	.1	,ŏ	.0		2.4	8.9	4.2	1.6	.0	3.7
	6.5	23.2	4.7	ŏ	.0		34.4	10.6	42.1	35.5	24.0	35.8
		36.3					53.2	11.4	45,4	50.6	44.6	52.6
36	8.1		1,1	•0								
5	2.4	2.7		•0	٠.		5.9	7.1	4,2	6.1	9,4	4.5
SW	.0	.1	.4	•0	.0		.5	10.7				•0
W.	. ,	.1	.0	.0	.0		1.0	5.6	1.7	2.5	.0	.0
ÑW			.0	ŏ	.0		^•	4.4	.0	1.2	.0	.7
									ŏ	.0	,ŏ	.0
VAR	.0	•0	•0	•0	••							
CALM	1.0						1.0	.0	.0	1.6	.0	1.5
TOT GBS	82	253	58	0	٥	393		10.7	40	122	77	134
TOT ACT	40.0	44.4	14.8	۸.			100.0		100-0	100.0	100.0	100-0

AUGUST

PERIOD: (PRIMARY) 1914-1971 (DVER-ALL) 1776-1971

TARLE 4

AREA 0011 SDUTH CENTRAL JAVA 7.75 110.1E

PERCENTAGE	FREQUENCY	OF	WIND	SPEED	84	HOUR	(GHT)
				•			

				WIND	SPEED (	KNOTS)			PCT	TOTAL
H JUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FREQ	085
60300	.0	5.0	50.0	45.0	.0	.0	.0	10.4	100.0	60
90380	1.6	5.7	42.6	49.2	. 8	.0	•0	10.7	100.0	122
12615	.0	.0	45.5	54.5	.0	.0	.0	11.1	100.0	77
18621	1.5	3.0	51.5	41.8	2.2	-0	.0	10.6	100.0	134
TOT	4	14	186	185	4	Ö	0	10.7	••••	393
PCT	1.0	3.6	47.3	47.1	1.0	•0	.0		100.0	

TARLE 5

TABLE 6

	PCT FRE			CLOUD A		(EIGHTHS)		1					CEILIN NH <9/					
#MD 31	S-0	3-4	5-7	8 & 085CD	TETAL CBS	CLOUD COVER	000 149	150 299	300 399	600 999	1000	2000 3499	3500 4999	5000 6499	6500 79 <b>99</b>		NH <5/8 ANY HGT	
N	.0	.0	.0	.0		•0	•0	•0	.0	.0	.0	•0	.0	•0	.0	.0	•0	
NE	.0	.0	4.2	4.2		7.5	•0	.0	.0	.0	4.2	.0	.0	•0	.0	40	4.2	
2,0	16.7	7.3	3.1	.0		2.2	•0	.0	, o	.0	.0	•0	.0	• 0	.0	.0	27.1	
ŠE	25.0	14.6	9.4	4.2		2.8	•0	ě	iŏ	.0	4.2	•0	. o	• 0	.0	.0	49.0	
3.		3.1	8.3	••		5.1		.0	ě	.0	• 0	.0	ŏ	•0	.0		11.5	
3									• •				* -					
SH	.0	•0	•0	• 0		•0	•0	• 2	•0	•0	•0	•0	,0	•0	•0	•0	•0	
W	.0	•0	•0	.0		•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	
NH	.0	.0	.0	.0		•0	•0	•0	.0	•0	.0	•0	.0	•0	.0	.0	•0	
VAR	.0	.0	.0	.0		•0	•0	.0	.0	.0	•0	.0	.0	•0	.0	.0	•0	
CALM	.0	.0	.0	.0		.0	•0	.0	.0	.0	.0	.0	-0	.0	.0	.0	.0	
TOT CB!		• "	• • • • • • • • • • • • • • • • • • • •	• •	24	3.3	ŏ	ň	• 6	• • •	• • • • • • • • • • • • • • • • • • • •	ő	· ň	70		ŏ	22	24
		34 0	25 6	- 4					.0				~			•	01.7	100.0
TOT PC	41.7	25.0	25.0	8.3	100.0		•0	•0	• 0	•0	6.3	•0	*D	•0	•0	•0	91.7	100.0

TABLE 7

# CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURRENCE OF CEILING MEIGHT (NH >4/8) AND VSBV (NM)

				VSBY (NH	)			
CEILING	• OR	■ QH	• OR	• na	- DR	• OR	• DR	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• Øk >6500	.0	•0	.0	.0	.0	.0	•0	.0
■ DR >5000	.0	•0	.0	.0	.0	.0	.0	.0
■ DR >3500	.0	•0	.0	.0	.0	.0	.0	.0
■ DR >2000	.0	.0	.0	.0	.0	ò	.0	.0
■ DR >1000	4.2	6.3	8.3	4.3	8.3	8.3	6.3	8.3
■ PR >600	4.2	8.3	6.3	1.3	8.3	8.3	1.3	8,3
■ DR >300	4.2	8.3	8.3	8.3	8.3	1.3	1.3	8,3
■ DR >150	4.2	4.3	8.3	1.3	8.3	1.3	1.3	1,3
• DR > 0	4.2	8.3	6.3	1.3	8.3	8.3	1.3	1,3
TOTAL	i	2	2	2	2	2	2	2

TOTAL NUMBER OF DBS: 24

PCT FREQ NH <5/8: 91.7

TABLE 7A

## PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 9 6 7 8 GBSCD GBS 18.7 20.8 33.3 12.5 8.3 4.2 .0 4.2 .0 .0 .0 2

								•••						
PERIUD: (PRIHARY) 19 (OVER-ALL) 10	14-1971 76-1971						TAB	LE .				ARE	A 0011	SOUTH CENTRAL JAVA 7.75 110.1E
		PE	RCENT	FREQ PREC	OF WIN	D DIRECTION WIT	TION V	S DECU	RRENCE LUES (	OR N	ON-OCC	URRENC Y	E OF	
VSBV (NH)		N	NE	E	SE	s	Sw	W	NW	VAR	CALM	PCT	TOTAL DBS	
	PCF	.0	.0	.0	•0	•0	.0	.0	•0	.0	•0	.0		
<1/2	NO PCP	.0	.0	•0	•0		•0	.0	.0	.0	.0	.0		
•	TOT %	.0	.0	•0	•0	•0	•0	.0	•0	.0	•0	•0		
	PCP	•0	.0	.0	.0	•0	•0	.0	.0	.0	•0	.0		
1/2<1		ã		40	.0	.0	.0	ò	•0	·õ	•0			
	TOT %	.0	.0	.0	.0	•0	•0	.0	•0	.0	•0	:0		
,	PCP	.n	.0	.0	.0	•0	.0	.0	•0	.0	•0	.0		
	NO PCP	.0	.0	.0	.0	•0	.0	•0	•0	.0	•0	.0		
-	TOT \$	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0	.0		
	PCP	.0	٠.	.0	.0	•0	•0	.0	•0	.0	•0	.0		
2<5	NO PCP	.0	.0	.0	2.7	•0	.0	.0	.0	.0	•0	2.7		
	TOT \$	.0	.0	.0	2.7	•0	•0	.0	•0	.0	•0	2.7		
	PCP	.0	.0	.0	.0	•0	•0	.0	.0	.0	.0	.0		
5<10	NO PCP	.0	2.7	•0	2.7	2.7	•0	.0	•0	.0	•0	8.1		
	TOT #	•0	2.7	•0	2.7	2.7	•0	.0	•0	•0	•0	8.1		
	PCP	.0	٠.	•0	2.7	•0	øØ.	.0	.0	.0	•0	2.7		
	NO PCP	.0	5.4	31.1	42.6	7.4	•0	.0	•0	.0	•0	86.5		
	TOT %	.0	5.4	31.1	45.3	7.4	•0	.0	•0	.0	•0	19.2		
T	DT 085												37	
		_					_	_	_	_	_			

TABLE 9

THE VERNITURE OF THE PROPERTY OF THE PROPERTY

						OF WIN ARYING					ED		
VSBY (NH)	SPD KTS	N	NE	E	SE	\$	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
• · · · · ·	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•
<1/2	4-10	·ò		.0	.0	Ö	.0	.0	.0	.0	•••	iò	
	11-21	.0	.0	.0	•0	ěŏ	.0	.0	.ö	.õ		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT #	•0	•0	•0	•0	.0	.0	•0	•0	•0	.0	.0	
	0-3	.0	.0	.0	•0	•0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	•0	•0	.0	•0	•0	.0	.0	.0	۰.		.0	
	11-21	•0	•0	•0	.0	.0	٠0	•0	.0	۰,0		.0	
	22+	•0	.0	•0	•0	•0	•0	•0	.0	.0		.0	
	TOT \$	.0	.0	•0	•0	•0	.0	.0	.0	.0	.0	.0	
	0-3	•0	•0	•0	•0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	•0	•0	•0	•0	•0	.0	•0	.0	.0		.0	
	11-21	•0	•0	•0	•0	•0	.0	.0	•0	•0		•0	
	22+	.0	•0	•0	•0	•0	.0	.0	.0	.0	_	.0	
	TOT \$	.0	•0	•0	•0	•0	•0	.0	•0	•0	.0	.0	
	0-3	•0	•0	.5	•0	•0	.0	.0	.0	.0	.0	.5	
2<5	4-10	•0	•0	•0	•0	•0	•0	•0	.0	.0		•0	
	11-21	.0	.0	•0	•5	.0	.0	•0	.0	.0		.5	
	22+ TDT \$	٠0	٠0	•0	•0	•0	.0	.0	.0	.0	_	,•0	
	איטו א	•0	•0	.5	.5	•0	.0	.0	•0	.0	.0	1,1	
	0-3	•0	•0	•0	•0	•0	.0	•0	•0	.0	.5	.5	
\$<10	4-10 11-21	•0	.5	.5	2.2	.5	.0	.0	٠.٥	•0		3.5	
	22+	٠0	•0	.0	2.7	.3	.3	:0	.0	•0		3.3	
	701 %	.0	.0	.0	4.9	.0	.0	:6	.0	:0	.5	7:7	
	101 %	••	•3	.,	7.7	••	••		.0	••	.,	•	
	0-3	•0	5	2.2		•0	.0	•0	•0	•0	.0	2.7	
10+	4-10	•0	1.6	20.8	25.0	2.9	.0	.0	٠.٥	•0		50.3	
	11-21 22+	•0	.5	14.8	21.3	1.4	.3	.0	٠0	•0		38,3	
		•0	્.0	0	0	.0	٠0	:0	.0	•0		•.0	
	TOT %	•0	2.7	37,7	46.3	4.2	.3	•0	.0	•0	•0	91.3	
	TOT DBS	•0	3.3	30.8	51.8	5.1	.5	.0	.0	.0	.5	100.0	103

AUGUST

PERIOD: (PRIMARY) 1914-1971 (QVER-ALL) 1876-1971

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TABLE 10

AREA 0011 SOUTH CENTRAL JAVA 7.75 110.1E

PERCENT PREQUENCY					>4/81	AND
necus	 NCE O	Ē NI	4 25/8 BY	MORE		

HOUR (GMT)	000 149	190 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/6 ANY HGT	TOTAL OBS
€0300	.0	.0	.0	.0	20.0	.0	.0	.0	.0	•0	20.0	80.0	5
90360	.0	.0	•0	•0	.0	•0	.0	.0	.0	•0	.0	100.0	•
12615	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	•0	100.0	5
18621	.0	.0	.0	•0	20.0	.0	.0	.0	.0	•0	20.0	80.0	5
TOT	0	0	0	0	2	0	0	0	0	0	. 2	91.7	100.0

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VSBY	(NH)	BY HOUR		CUMULAT					VSBY (NM)	
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00603	.0	.0	.0	3.6	.0	96.4	28	E0300	.0	.0	.0	20.0	00:0	5
06609	.0	.0	.0	1.6	7.0	91.2	57	90360	.0	•0	11.1	•0	86.9	9
12615	.0	.0	.0	.0	7.9	92.1	36	12615	•0	.0	.0	•0	100.0	5
18621	.0	.0	.0	.0	11.5	88.5	61	18621	.0	.0	.0	20.0	60.0	5
TOT	.0	.0	.0	2 1.1	7.6	168 91.3	184 100.0	TOT PCT	.0	.0	4.2	8.3	21 67.5	24 100+0

TABLE 13

TABLE 14

THE PROPERTY OF THE PROPERTY O

	PERC	ENT FRI	EONENC.	Y JF R	ELATIV	E MUMI	DITY B	Y TEMP	TOTAL	PCT		PERC	ENT FR	EQUEN	Y OF W	IND DIR	ECTION	1 BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		PREQ	N	NE	£	S€	\$	SW	W	MA	VAR	CALM
45/89	.0	.0	.0	.0	4.8	4.8	.0	.0	2	9.5	.0	.0	.0	9.5	.0	.0	.0	٠.	.0	.0
80/84	.0	.0	.0	•0	4.8	9.5	14.3	.0	6	28.6	.0	4.8	6.3	10.7	4:8	:0	:0	.0	•0	.0
75/79	.0	.0	.0	•0	.0	4.8	33.3	9.5	10	47.6	.0	.0		25.0	4.8	.0	.0	.0	•0	.0
70/74	.0	.0	.0	•0	0	.0	4.8	9.5	3	14.3	.0	4.8	.0	1.2	8.3	.0	.0	.0	.0	.0
TOTAL	0	0	٥	0	2	4	11	4	21	100.0										
PCT	.0	.0	•0	۰0	9.5	19.0	52.4	19.0			.0	9.5	26.2	46.4	17.9	.0	•c	.0	•0	.0

TAPLE 15

	MEANS,	EXTREM	ES AND	PERCE	ITILES	OF TEM	PIDE	G F) [	LY HOUR		PERC	ENT FRE	DUENCY	DL META	TIVE H	UMIDITY	84 HD01	
HOUR (GMT)	MAX	994	95%	50%	5%	15	MIN	MEAN	TOTAL OBS	HDUR (GHT)	0=29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL Das
£0300	83 87	82 86	82 85	78 80	74 75	72 74	72 74	77.5	60 119	00003	•0	•0	28.0	57.1	75.0 14.3	25.0	67 73	4
12615	<b>43</b>	82	82	78	74	72	72	77.9	77 134	12615	.0	.0	.0	.0	66.7	33.3	11	6
18221 TOT	83 87	82 85	80 83	77 78	73 74	73 73	72 72	76.9 78.1	390	TOT	•0	•0	•0	•0	75.0 11	25.0	1;	21

AUGUST

PERIOD: (PRIMARY) 1914-1971 (OVER-ALL) 1876-1971

TABLE 17

AREA 0011 SOUTH CENTRAL JAVA-7.75 110.1E

TENTETTE THE PROPERTY OF THE P

PCT FRPQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	49 72	73 76	77 80	81 84	85 88	TOT	W PDG	#B #BG
7/8	.0	.0	.0	.0	6.7	2	•0	6.7
	.0	.0	3.3	Ö	.0	ī	.0	3.3
4	.ŏ	.0		3.3	.ŏ	ī	.0	3.3
3 2	.0				.0		ě	20.0
	.0	3.3	.0	.0	.0	ĭ	.0	3.3
0	3.3		10.0	3,3	.0	10	.0	33.3
-1		3.3	3.3	.0	.0	ž	.0	6.7
-2 -4	.0	3.3	6.7		.0	ž	•0	10.0
-1	3.3	6.7			.0	3		10.0
-5		3.3	.0	.0	.0	ĭ		3.3
TOTAL	ž		io	•	ž	•	- 5	30
	_	11	•	5	-	30	_	
807	4.7		12.3		6.7	100.0		100.0

PERIOD: (OVER-ALL) 1963-1971

,然后是这个时间,我们就是这个时间,我们就是这个时间,我们就是这个时间,我们也是这个时间,我们也是这个时间,也是这个时间,也是这个时间,我们也是这个时间,我们就 1997年,1997年,1998年,1998年,1998年,1998年,1998年,1998年,1998年,1998年,1998年,1998年,1998年,1998年,1998年,1998年,1998年,1998年,1

				PC	T FRED !	OF WIND	SPEED	(KTS)	AND D	IRECT	ION V	ERSUS S	EA HEIG	HTS (FT)		
				N									NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT			•3	4-10 0.	11-21	22-33	34-47	484	PCT •0
<1 1-2	.0	.0		.0	.0	.0	.0			•0	:0	.0	.0	.0	:0	.0
3-4	.0	:0	•0	.,	:0	:0				.0	ŏ	:0	:0	.0		:0
5-6	.0		•0	.0	.0					ŏ	.0					
77	ě		•0		ě		.0			ŏ	.0	.0		.0	.0	.0
8-9	.0		.0	. ŏ	.0	.0				ŏ	ō	ŏ		.0	.0	•0
10-11	.0	.ŏ	•0	.0	.ŏ	.õ	.0			.0	.0	.0	.0	•0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0			.0	.0	•0	.0	•0	.0	.0
13-16	.0	.0	•0	•0	.0	.0	.0			•0	.0	•0	.0	•0	.0	•0
17-19	.0	.0	•0	•0	•0	•0	.0			.0	•0	.0	.0	•0	•0	•0
20-22	٠.	.0	•0	•0	•0	•0	•0			•0	•0	•0	.0	•0	.0	•0
23-25	•0	.0	•0	•0	•0	.0	•0			•0	•0	•0	.0	•0	.0	•0
26-32	•0	.0	•0	.0	.0	.0	•0			•0	•0	.0	.0	•0	•0	•0
33-40	.0	.0	•0	•0	.0	.0	.0			•0	•0	•0	•0	•0	•0	•0
41-48	.0	٠.	•0	•0	.0	.0	.0			.0	•0	.0	.0	.0	.0	.0
49-60 61-70	.0	.0	•0	.0	.0	.0	.0			.0	:0	.0	.0	.0	:0	:0
71-86	:0	:0	•0	.0	.0	:	.0			0	ě	:	:0	.0	.ŏ	
67+	.0	.ŏ	.0	ě		:6	.0			ő	ŏ	.0	.0	.0		
TOT PCT			•0		.ŏ		.0			ŏ	ě	.0		.0	.0	.0
	•••	•	•••		••	•	•			•	•	•		•	-	
HGT	1-3	4-10	11-21	E 22-13	34-47	48+	PCT		1	-3	4-10	11-21	32-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.0	.0	.0			.0	• 2	.0	.0	•c	.0	.0
1-2	.0	7.1	•0	.0	.0	.0	7.1				23.2	.0	•0	.0	•0	23.2
3-4	.0	7.1	7.1	.0	.0	.0	14.3			•0	.0	21.4	.0	•0	•0	21.4
5-6	.0	.0	• 0	•0	•0	.0	0			•0	•0	.0	.0	.0	•0	.0
.7_	•0	.0	10.7	•0	.0	.0	10.7			•0	:0	3.6	.0	•0	•0	3.6
8-9 10-11	.0	.0	•0	•0	•0	.0	.0			•0	.0	•0	.0	.0	.0	.0
12	.0	:0	•0	.0	.0	:0	:0			.0	.0	.0	•0	:0		:0
13-16	:0	:	•0	:0	.0					.0	ŏ		:0		.0	ě
17-19			ŏ				.0			ŏ	.0		.0			
20-22	ŏ	.6	•0	.0			.0			ŏ	·ŏ			ĕ	ŏ	•0
23-25	.0	.0	.0	.0	.0	.0	.0			.0	Ö		.0	.0	.õ	.0
26-32	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0	.0	.0
33-40	.0	.ò	.0	•0	.0	.0	.0			.0	:0	.0	.0	.0	.0	.0
41-48	•0	.0	.0	.0	.0	.0	.0			.0	•0	.0	.0	.0	.0	.0
49-60	.0	.0	•0	•0	.0	.0	.0			•0	.0	.0	.0	•0	.0	•0
61-70	•0	•0	.0	.0	.0	.0	.0			•0	•0	.0	.0	•0	.0	.0
71-86	•0	.0	•0	•0	•0	.0	•0			.0	•0	•0	•0	•0	.0	.0
874	•0	0	0	.0	•0	.0				•0	0	0	•0	•0	•0	0
למד פכד	•0	14.3	17.9	•0	.0	.0	32.1			•0	23.2	25.0	•0	•0	•0	48.2

PERIOD:	(OVE	I-ALL)	1963-1	971				TABLE	AUGUST				AREA		OUTH CO 5 110	ENTRAL JAVA .1E
				₽€	T FREQ	OF WIND	SPEED	(KTS)	AND DIREC	TION V	EPSUS S	EA HEIG	HTS (FT)			
				s	<u> .</u>							SW	34-47	48+	PCT	
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	•0	.0	.0	
<1	•0	.0	•0	•0	.0	.0	•0		•0	•0	•0	•0	•0	.0	.0	
1-2	.0	5.4	•6	•0	.0	•0	5.4		•2	:0	.0	•0	•0	:0	.ŏ	
3-4	.0	14.3	•0	.0	.0	:0	14.3		.0	iŏ	.0	.0	,0	.ŏ		
5-6	٠0	.0	••	•0					.0	.0	.0	.0	.0	٥٠	.0	
,7	٠.	٠,	•0	•0	•0	.0	.0		iŏ		.0	.0	.0	.0		
6-9	•0	.0	• 0	•0	.0	:0	.0		ěŏ	.0	.0	.0	.0	.0		
10-1:	•0	.0	.0	.0	.0		.0		ň	ŏ	.0		•0	ö	.0	
12	.0	.0	.0	.0	.0	:0	.0			.0	ě		.0		.0	
13-16 17-19	.0	.0	.0	.0	.0		.0		ě	.0	.0	.0	.0	.0	.0	
20-22		.0	.0	.0	ŏ		.0		.0	.0	.0		•0	.0	.0	
23-25	.ŏ	ŏ	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
26-32		.ŏ	.0	.0	.0					.0	.0	.0	.0	.0	.0	
33-40	:0		.0	.0	.0	.0	.0		. 0	.0	.0	.0	.0	.0	.0	
41-46	.0		.0	.0	.0		.0		.0	.0	.0	•0	•0	.0	.0	
49-60			.0	.0	.0	.0	.0		Ö	.0	.0	.0	•0	.0	.0	
61-70	.5	.ŏ	.0	.0	.0	.0	.0		.0	.0		.0	•0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	•0		.0	.0	.0	.0	•0	.0	•0	
87+		.0	.0	.0	.0	.0	•0		.0	.0	.0	.0	•0	.0	•0	
TOT PCT	.0	19.6	.0	•0	•0	•0	19.6		•0	•0	.0	•0	•0	•0	•0	
				Ħ								NW		48+	PCT	TOTAL PCT
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10		22-33	34-47			P( 1
<1	.0	.0	•0	.0	•0	•0	• 0		•3	•0		•0	•0	.0	•9	
1-2	• 0	.0	•0	•0	• ?	•0	• 9		•0	•0		٠0	•0	.0	•0	
3-4	.0	.0	•0	.0	• • •	.0	• 5		•0	.0		•0	•0	.ŏ	.0	
5-6	.0	.0	•0	•0	• 2	•0	• 9		.0	.0		•0	•0	:ŏ	•0	
7	•0	.0	•0	•0	.0	•0	•0		.0	ő		.,	•0	.5		
8-9	•0	.0	•0	•0	.0	.0			.0	ó		.0	•5	ö	.0	
:0-11	• • •	.0	•0	•0	.0	.0			ŏ	.0		:0	.0	.6	.0	
12	•0	.0	•0	•0	.0	.0	:		ŏ	ŏ			.0	.õ	.0	
13-16	.0	.0		•0	.0	.0			ő	.0		.0	•0	.0	.0	
17-19 20-22	.0	.0	•0	.0	.0	.0			ň	.0		.0		ō	.0	
23-25	.0		ě	.0	.5	.0			ň	.0		.0	•0	.0	.0	
26~32	.0	:,	.0		.0				ö	ō		.0	•0	Ď	.0	
33-40		:0	.0	.0	.0				.0	.0		.0	•0	.0	.0	
41-48		.0	.0	•0	.0	.0			.0	.0		.0	•0	.0	.0	
49-00	.0		•0	.0	.0	•0			.0	.0		.0	•0	.0	.0	
61-70	.č	.0	ŏ		.0	.0	• 6		.0	•0	.0	•0	.0	.0	.0	
71-86	.0	.0	.0	• 0	.0	•0			.0	.0		.0	•0	.0	.0	
87+	. 0	.0	.0	.5	.0	.0	• (	,	.0	•0		.0	•0	.0	•0	
						-0		١.	-0	.0	0	-0	•0	.0	•0	100.0

THE CONTRACTOR AND CONTRACTOR AND VERSE RECEIVED THE PROPERTY OF THE PROPERTY

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
нет	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	•0	.0	•0	.0	.0	.0	.0	0.5
1-2	•0	35.7	.c	.0	.0	٠,	35.7	
3-4	.0	21.4	28.6	.0	.0	.0	50.0	
5-6	•0	.0	.0	.0	.0	.0	.0	
7	.0	.0	14.3	.0			14.3	
8-9	.ŏ	.0	.0	.0			.0	
10-11		.0	.0	.0			.0	
12		.0		ŏ			.0	
13-16			.0					
17-19		.0		ŏ				
20-22	.0	.0	.0				.0	
23-25	.0	٠٥						
20-32	٠.٥	.0					:0	
33-40	•0	.0	•0					
41-48	•0	•0	-0				٠0	
49-60	٠,٠	.0	•0				.0	
61-70	.0	.0	.0				•0	
71-80	٠٥	•0	•0				•0	
87+	.0	•0	.0	.0	•0	.0	.0	
TOT PET	.0	57.1	42.9		•0	.0	100.0	14

PERIJD: (DVER-ALL) 1964-1971 TABLE 19 PERCENT PREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) 5-6 21.4 .0 7.1 21.4 14.3 .0 .0 7.1 .0 7.1 .0 .0 .0 14.3 .0 .0 .0 .0 .0 ........ 0000000000 ........ 7.1 0000000000 0000000000 000000000 ......... 0000000000 ....... 000000000 0000000000 0000000000 ..... .......

## SEPTEMBER

PERIOD:	(PRIMARY)	1913-1969

TABLE 1

AREA 0011 SOUTH CENTRAL JAVA 7.75 110.1E

<b>82875NT</b>	ERCALIENTU	AE	UBATUSE	DCCURRENCE	 MINE	RIBERTIN

			•	RECIPI	TATION	TYPE					OTHER	WEATHER	PHEND	MENA	
WND CIR	RAIN	RAIN SHUR	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST Hour	THDR LTNG	FOG NO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
N NE E SF SH H Nu Var Calp	.0 •.1 1.8 .0 .0 .0 25.0 100.0	00000000000	.0 9.1 1.8 .0 33.3 .0	000000000000000000000000000000000000000	•••••••••			.0 18.2 3.5 .0 33.3 25.0 100.0	7.3 0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0 9.1 8.8 .0 .0	•0	• • • • • • • • • • • • • • • • • • • •	.0 .0 .0 .0	.0 100.0 72.7 20.7 100.0 66.7 75.0
TOT PCT TOT DUS:	4.8	.0	4.8	.0	•0	•0	.0	9.5	4.8	2.4	7.1	•0	•0	•0	78.6

TABLE 2

SEBPEUT	CBEAUENCY	DE USATUS	OCCUBRENCE	

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	HENA	
HEUR (GMT)	RAIN	RAIN SHWR	DRTL	PRZG PCPN	SNON	OTHER FRZN PCPN	HAIL	POPE AT OB TIME	PCPN PAST Hour	THOR	FOG WD PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	ND SIG WEA
00£05 06£09 12£15 18£21	.0 .0 10.0 10.0	.0 .0 .0	0.3 .0 .0	.0	•0	.0	•0	8.3 .0 10.0 20.0	6.3 10.0 .0	.0 .0 10.0	16.7 .0 .0 10.0	.0	•0	•0 •0 •0	66.7 90.0 90.0 70.0
TOT PCT	4.8	.0	4.8	.0	•0	.0	•0	9.5	4.8	2.4	7.1	•0	•0	•0	78.6

TARLE :

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		#11	ID SPE	EC EKNO	TS)								HOUR	(GMT)			
WND CIR	1-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21
N NE	.0	1.4	.2	.0	•0	•0		1.9	11,0	3.7 3.7	•0	2.1	•0	1.6	•0	1.2	2.7
E Se	1.3	13.7	29.4	.1	.0	.0		24.6	10.0	29.0 58.5	20.0 60.0	28.1	20.3	22.5	66.7	24.1	25.0
S	. 3	4.7	1.1	.0	.1	.0		6.2	8.6	4.4	.0	7.5	11.9	7.7	•0	4.2	3.4
SH N	.2	.2	.3	.3	•0	•0		1.1	12.5	3.7	10.0	•0	•0	0	16.7	0	2.0
Nw	.0	.1	.6		.0	.0		1.1	9.0	•0	10.0	.0	.0	1.6	16.7	1.2	2.0
VAR		•0	•0	.0	•0	•0		.0	.0	•0	•0	.0	.0	•0	.0	.0	•0
CALM TOT CBS	25	239	167	5	1	0	457	1.5	10.2	0. 68	•0	.0 73	1.7	1.1	.0	3.6	2.7
TOT PCT	5.5	52.3	40.9	1.1	.2	JÖ		100.0			100.0	100.0	100.0		100.0		100.0

TABLE 3A

			SPEED			-0-41		4.5.11			CONT:	
WND DIR	0-6	7-16	17-27	28-40	41+	TOTAL	PCT	MEAN SPD	00 03	06	12 15	18 21
						~~,	FAER	370	03	07	13	£1
4	.0	.3	.0	.0	-0		.3	11.6	.7	.0	.0	.6
NE	. 9	1.0	.0	ō	.0		1.9	6.8	3,4	1.1	1.6	1.9
NE E SE	5.0	17.6	2.0	ō	.0		24.6	10.0	28,4	24.6	21.8	24.5
SE	10.4	46.0	6.7	i	.0		63.1	10.7	58.6	64.0	64.9	63.4
\$	2.3	3.7	• 1	71			6.2	8.6	4.1	7.5	7.4	3.1
SH	. 4	.3	.3	٠ŏ	.ŏ		1.1	12.5	4,1		. 5	7.7
	.4	.3	,3	ŏ	.0		1.1	12.1	7.7	.0	2.1	1.6
NW	.0	.ĭ	•0	ŏ	·ò		·.i	9.0	Ö	.0	7.5	
VAR	.0	•0	•0	iŏ	.0				ŏ	iŏ		.0
CALM	1.5			•-			1.5	.0	.0		1.1	3.2
TOT DOS	76	317	43	1	٥	457	•••	10.2	73	192	794	158
TOT PET	21.0	69.4	9.4	٠ž	-Ò	-	100.0		100.0		100.0	

SEPTEMBER

PERIOD: (PRIMARY) 1913-1969 TARLE 4 TARLE 4 7.75 110-1E

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

MIUN CALM 1-3 4-10 11-21 22-33 34-47 48+ MEAN FREQ 085

00003 .0 .0 \$2.1 46.6 1.4 .0 .0 11.0 100.0 73
00009 .8 4.5 25.3 39.4 .0 .0 .0 9.8 100.0 132
12615 1.1 5.3 52.1 40.4 1.1 .0 .0 10.0 100.0 94
18621 3.2 4.4 50.0 39.9 1.9 .0 .0 10.3 100.0 158
101 1.5 3.9 52.3 40.9 1.1 .2 .0 100.0

TARLE 5

ر (

0

TABLE 6

स्त्रामानुष्यास्त्रं कारतर्थन्त्रम् अस्त्रार्थन्त्रसम्भागार्यस्त्रात्रम् अभिनार्थन्त्रम् अस्त्राम् अस्त्रामान् स्त्रामानुष्यास्त्रं कारतर्थन्त्रम् स्त्रामान्याः

	CT FRE	0 DF T	OTAL V WIN	CLOUD A	MOUNT (	(EIGHTHS) MEAN			PERCEN	TAGE 6	REQUEN	ICY OF	CEILIN NH <5/	G HEIG	HTS (F	TONH )	4/8} JN	
WND DIR	0-2	3-4	5-7	03260	CBS	CLOUD	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH <5/R	
N NE E SE SE SW W NW VAR CALM TOT DBS TOT PCT	5.3 6.6 40.8 2.6 2.6 .0 .0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 15.8 .0 .0 .0 .0	.0 2.6 2.6 .0 .0	19 100.0	.0 2.0 3.4 3.0 2.0 2.0 .0 .0	•0	0000000000000	0000000000000		00000000000000	.0 .0 .0 .0 .0 .0 .0	2.6 2.6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0000000000000000	00000000000000	000000000000000000000000000000000000000	.0 5.3 13.2 e5.8 2.6 2.6 .0 .0	1 <del>9</del> 100.0

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTAMEDUS DICCURRENCE OF CEILING HEIGHT (NM >4/8) AND VSBV (NM)

				VSBY (N	1)			
CEILING	• OR	• 84	• DR	= OR	• DR	* DR	- DR	= DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
= DR 26500	•0	•0	.0	.0	.0	•0	.0	.0
■ DR >5000	.0	•0	•0	.0	.0		.0	
■ DR >3500	.0	5.3	5.3	5.3	5.3	5.3		.0
■ DR >2000	5.3	10.5	10.5	10.5	10.5		5.3	5,3
■ DR >1000	5.3	10.5	10.5			10.5	10.5	10.5
• OR >600				10.5	10.5	10.5	10.5	10.5
	5.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5
<ul> <li>D3 &gt;300</li> </ul>	5.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5
■ DR >150	5.3	10.5	10.5	10.5	10.5	10,5	10.5	10.5
<ul><li>□ PR &gt; 0</li></ul>	5.3	10.5	10.5	10.5	10.5			
TOTAL				10.3	10.2	10.5	10.5	10.5
.0,46	•	4	•	Z	2	2	2	2

TOTAL NUMBER OF DBS: 19 PCT FREQ NH <5/81

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 8 085C0 085 5.0 25.0 35.0 15.0 10.0 5.0 .0 .0 5.0 .0 20 TABLE &

AREA 0011 SDUTH CENTRAL JAVA 7.75 110.1E

ALL) 1	860-1969						TAI	IL .					7
		•	ERCENT		OF WIND								E OF
VSBV (NM)		N	NE	Ε	SE	\$	Sw	W	NW	VAR	CALM	PCT	TOTAL GBS
	PCP	.0	.0	.0	.0	.0	• 0	.0	•0	.0	.0	.0	
<1/2	NO PCP	.0	.0	•0	.0	.0	•0	.0	.0	.0	.0	.0	
	TOT \$	.0	.0	.0	.0	.0	•0	.0	•0	.0	.0	.0	
	PCP	.0	.0	٠,٥	.0	.0	.0	.0	.0	.0	.0	.0	
1/241	NO PCP	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
	TOT &	.0	.0	•0	•0	•0	•6	•0	•0	•0	.0	•0	
	PCP	.0	.0	.0	.0	.0	•0	.0	•0	.0	•0	.0	
1<2	NO PCP	.0	.0	•0	•0	•0	•0	•0	•0	.0	.0	.0	
	TOT \$	.0	•0	•0	•0	•0	•0	.0	•0	.0	•0	.0	
	PCP	.c	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	
2<5	NO PCP	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
	TOT &	.0	•0	.0	• 0	•0	•0	.0	•0	•0	•0	.0	
	PCP	.0	.0	2.4	2.4	.0	2.4	1.2	1.2	.0	.0	9,5	
5<10	NO PCP	.0		3.6	15.5	•0	•0	.0	•0	.0	.0	19.0	
	TOT %	.0	.0	6.0	17.9	•0	2.4	1.2	1.2	•0	•0	28.6	
	PCP	.0	.0	•0	.0	.0	.0	.0	•0	.0	.0	.0	
10+	NO PCP	.0	4.8	7.1	50.0	1.2	4.5	3.6	.0	.0	•0	71.4	
	TOT &	.0	4.8	7.1	50.0	1.2	4.8	3,6	•0	.0	•0	71.4	
	TOT OBS												42
	TOT PCT	.0	4.8	13.1	67.9	1.2	7.1	4.8	1.2	.0	•0	100.0	

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY													
VSBY (NM)	SPD KTS	N	NE	ε	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL
£ 1411 }	0-3	.0	.0	.0	.0	.0	٠.۵	.0	.0	.0	.0	.0	4113
<1/2	4-10	.0			.5	.0				:0	••		
	11-21				.0		.ŏ	•0	.ŏ				
	22+	.0			.0	.õ	.ŏ	•0	.0	ŏ		ŏ	
	TOT \$	.0	.0	.0	.5	.0	.0	•0	.c	,ŏ	•0	.5	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	•0	• • •	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	.0	•0	.0	•0	•0	•0	•0	.0	•0	.0	
	0-3	•0	.0	•0	•0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	•0	.0	•0	•0	•0	.0	.0	•0	.0		.0	
	11-21	•0	.0	•0	•0	•0	.0	•0	•0	.0		.0	
	22+	•0	.0	•0	.0	.0	.0	•0	•0	.0		.0	
	TOT \$	•0	.0	•0	•0	•0	.0	•0	•0	•0	.0	.0	
	0-3	.0	.0	•0	•0	•0	•0	.0	.0	•0	.0	•0	
2<5	4-10	.0	.0	. 5	•0	•0	.0	•0	•0	.0		.5	
	11-21	•0	.0	•0	•0	•0	•0	•0	•0	.0		.0	
	22+	.0	.0	• 0	•0	•0	.0	•0	•0	.0		.0	
	TOT S	•0	.0	. 5	•0	•0	•0	.0	•0	.0	•0	.5	
•	0-3	•0	.0	.5	.0	•0	.0	•0	.0	.0	.0	. 5	
5<10	4-10	.0	.3	2.3	2.5	•0	.0	.3	.3	•0		5.6	
	11-21	•0	٠0	•0	2.5	•0	.5	••	.0	•0		3,0	
	22+ 707 %	•0	.0	0	5.1	.0	.0	.3	.0	.0		.0	
	101 %	•0	.,	2.8	3.1	-		••	.,	.0	•0	9,1	
10+	0-3 4-10	.0	1.3	14.1	28.0	4.3	.5	.0	.0	:0	2.5	5.1 48.5	
104	11-21	.0	1.0	7.3	26.3	7.5	.3	:0	.0	.0		34.3	
	22+	:6	.0	<b>':3</b>	.3	.0	::	:	:6	:6		2.0	
	TOT \$	.3	2.0	22.5	54.8	5.6	1.5	.;	.5		2.5	47.7	
1	'nT OBS												198
	OT PCT	.3	2.3	25.8	60.4	5,6	2.0	1.0	.3	.0	2.5	100.0	•••

#### SEPTEMBER

PERIOD:	(PRIMARY)	1913-1969
	(OVER-ALL)	1860-1969

TABLE 10

AREA 0011 SOUTH CENTRAL JAVA 7.75 110.18

PERCENT	FREQUENCY O	F CFICI	NG HEIGHTS	(FEET, NH	>4/81	AND

HOUR (GHT)	000 149	190 200	300 599	200	1900 1999	2000 3499	9500 4999	5000 6499	6500 7999	8000+	TOTAL	Nh <5/8 Any hgt	TOTAL DBS
60300	.0	.0	•0	•0	•0	•0	.0	•0	.0	•0	•0	100.0	5
<b>90360</b>	.0	.0	•0	•0	.0	.0	.0	•0	.0	•0	.0	100.0	6
12615	.0	•0	.0	•0	•0	16.7	•0	•0	.0	•0	16.7	83.3	6
18821	.0	.0	.0	•0	•0	.0	13.3	•0	.0	•0	33.3	66.7	3
TOT PCT	.0	.0	.0	.0	.0	1 5.0	5.0	.0	.0	.0	10.0	1a 90.0	20 100.0

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY V <b>SB</b> Y	(NM)	BY HOUR		CUMULAT					VSBY (NM) 1/BY HOUR	
HDUR (GMT)	<1/2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TOTAL OBS</th> <th>HOUR /GHT)</th> <th>&lt;150 &lt;50YD</th> <th>&lt;600 &lt;1</th> <th>&lt;1000 &lt;5</th> <th>1000+ AND5+</th> <th>NH &lt;5/8 AND 5+</th> <th>TOTAL OB\$</th>	2<5	5<10	10+	TOTAL OBS	HOUR /GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL OB\$
£0300	.0	.0	•0	.0	13.9	86.1	36	£0300	.0	•0	.0	.0	100.0	5
90340	1.9	.0	•0	.0	5.6	92.6	54	<b>*0360</b>	.0	•0	.0	•0	100.0	6
12615	.0	.0	•0	.0	7.7	92.3	39	12615	•0	.0	.0	20.0	#0:0	5
18621	.0	.0	.0	1.4	10.1	88.4	69	18621	.0	•0	.0	33.3	66.7	3
TOT PCT	.5		.0	.5	18 941	178	198	TOT PCT	0	0	0	10.5	17	100.0

TARLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

MP F 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 085 PREQ N

0/84 .0 .0 .0 .0 .0 8.0 24.0 12.0 .0 11 44.0 .0

5/79 .0 .0 .0 .0 .0 16.0 32.0 8.0 14 98.0 .0

0/84 .0 .0 .0 .0 .0 .0 16.0 32.0 8.0 14 98.0 .0

PCT .0 .0 .0 .0 8.0 40.0 44.0 8.0 .0

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

NE E SE \$ SW # NW VAR CALM

4.0 4.0 32.0 .0 4.0 .0 .0 .0 .0 .0

.0 10.0 42.0 .0 .0 2.0 2.0 .0 .0

4.0 10.0 74.0 .0 .0 .0 2.0 2.0 .0 .0

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR MAX 99% 95% 50% 5% 1% MIN MEAN TOTAL (GMT) 085 00609 82 81 81 76 75 74 74 78.1 72 08609 85 84 84 80 77 76 75 80.1 130 12615 82 81 80 78 75 74 74 77.9 92 18621 82 81 80 77 73 72 72 77.1 159 707 85 84 82 78 75 72 72 78.3 453

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUHIDITY BY HOUR

のませんには、日本ので

HOUR 0-29 30-59 60-69 70-79 80-89 90-100 MEAN TOTAL DES 1000 0 0 0 33.3 66.7 .0 83 6 6000 0 0 0 25.0 62.5 12.5 .0 74 8 12415 0 0 0 0 16.7 66.7 16.7 85 6 12421 0 0 0 0 40.0 20.0 86 5 70T 0 0 2 10 11 2 81 25

SEPTEMBER

PEKIUD: (PRIMARY) 1913- 969 (DVER-ALL) 1860-1969

TABLE 17

AREA 0011 SOUTH CENTRAL JAVA 7.75 110.16

F T FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	73 76	77 80	81 84	TOT	*06	WD FOG
3 2 1 0 -1 -2 -3	.0	.0	3.1	1	.0	3.1
2	.0	3.1	6.3	3	3.1	6.3
1	.0	.0	3.1	1	.0	3.1
0	7.4	12.5		13	6.3	34.4
-1		12.5	.0	4		12.5
-2		12.5	.ŏ			
-				\$	.0	12.5
-,		15.6	.0	5	۰0	15.6
-5	.0	3.1	.0	1	.0	3.1
TOTAL	3		10	•		29
	•	19			•	24
				32		
PCT	7.4	59.4	31.3	100.0	٠.	90.4

PERIOD: (DVER-ALL) 1963-1969

				PC	T FHED	OF WIND	SPEED	(KTS)	AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT	,	
				N.								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1 1-2	•0	.0	•0	•0	.0	-0	.0		•0	.0	.0	.0	•0		. 0
3-4	.0	.0	•0	.0	.0	•0	•0		•0	.0	.0	.0	•0	.0	.0
5-6	.0	.0	•0	.0	.0	.0	•0		•0	•0	•0	•0	•0	.0	.0
77	.0	.0	•0	•0	•0	•0	•0		.0	•0	.0	•0	•0	.0	.0
4-9	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	•0	•0	.0	.0
10-11	.ŏ		•0	:0	.0	.0	•0		•0	•0	•0	•0	•0	.0	.0
12	.0	.č	•0			.0	•0		•0	•0	.0	.0	•0	,0	.0
13-16	.0	.ŏ	•0	.ŏ	ě	•0	.0		.0	•0	•0	•0	•0	.0	.0
17-19	.0	.6	.0		.0	.ŏ	ě		.0	.0	•0	•0	•0	.0	•0
20-Z2	.0	.0	•0	.0	.0	.ŏ	.0		ŏ	.0	.0	•0	•0	۰,0	.0
23-25	.0	.0	.0	.0	ŏ	.0	.0		.0	.0	.0	•0	•0	.0	.0
26-32	.0	.0	.0	.0	.0		.0		ŏ	.0	•0	•0	•0	.0	.0
33-40	.0	.0	•0	.0	.0	.0	.0		ŏ	.0	.0	•0	•0	•0	•0
41-48	.0	.0	•0	.0	.0	.0	.0		ŏ	ŏ	•0	.0	•0	.0	•0
49-60	.0	.0	•0	.0	.0	.0	.0		č	ŏ	.0	.0	•0	.0	.0
61-70	.0	.0	•0	.0	.0	.0	.0		ŏ	ő	.0	.0	•0	.0	.0
71-86	.0	.0	•0	.0	.0	.0	.0		.0	.0		:0	•0	.0	.0
87+	.0	.0	•0	.0	.0	.c	.0		ō	ŏ			•0	.0	.0
TOT PCT	•0	.0	•0	•0	.0	•0	•0		.0	.0		.0	:0	.0	.0
				_											
HGT	1-3	4-10	11-21	£ 22-33								SE			
<1		•0	•0	.0	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2		.0	.0	.0	•0	•0	•0		•0		.0	•0	•0	٠0	.0
3-4		.ŏ	.0	.0	•0	•0	•0		•0	50.0	•0	•0	•0	.0	50.0
5-6	ě				.0	:0	.0		•0	•0	0	•0	•0	•0	_ •0
7	. 0	.0	.0		.0		:0		.0	•0	50.0	•0	•0	.0	50.0
8-9	.0	.0	.0		.0		.0		ŏ	.0	•0	•0	•0	.0	•0
10-11	.0	.0	.0						٥	ě	.0	.0	•0	•0	•0
12	.0	.0	.0	.õ		.0			ŏ	ŏ	•0	.0	•0	.0	•0
13-16	.0	.0	•0	.0	.0	.0	.0		ŏ	.0	.0	.0	•0		•0
17-19	.0	.0	.0	.0	.0	.0	•0		ŏ	.0	.0	.0	•0	.0	•0
20-22	•0	•0	•0	.0	.0	•0	.0		.0	.0	.0		•0	:	.0
23-25	.0	•0	•0	.0	.0	•0	•0		.0	Ö	.0		•0	ö	:6
26-32	.0	.0	•0	.0	•0	•0	•0		.0	.0			•0	:0	
39-40	.0	.0	•0	.0	.0	•0	•0		.0	•0	.0		•0		.ŏ
41-48 49-40	•0	.0	2.	.0	•0	•0	•0		,0	.0	•0	••	•0	.0	.0
49-00	.0	•0	•0	.0	.0	•0	•0		.0	•0	• 0	·ŏ	ě	ŏ	ě
71-66	:0	.0	•0	.0	•0	•0	•0		•0	•0	.0	•0	•0	.0	.0
87+	:0	.0	•0	.0	٠,	٠0	•0		•0	.0	.0	•0	•0	.0	.0
TOT PCT		.0	•0	٠,	.0	•0	•0		•0	.0	0	•0	.0	.0	•0
101 -61	••	••	•0	•0	•0	•0	•0		•0	50.0	50.0	•0	•0	.0	100.0

0 0	O	O
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				•••					SEPTEMBER							
PERIOD	. COAF	R-ALL)	1963-1	709				TABLE	18 (CONT!	ı			AREA	7,	50UTH 0 75 110	ENTRAL JA' 0.18
				PC	T FREG	OF WIND	SPEED	(KTS)	AND DIPEC	TION V	ERSUS S	EA HFIG	HTS (FT	)		
				5								SW				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	
(1)	.0	.0	•0	.0	.0	•0	•0		.0	•0	•0	•0	•0	•	•0	
1-2 3-4	.0	.0	•0	.0	•0	.0	•0		•0	•0	•0	•0	•0		•0	
5-6	:0	:	•0	.0	.0	:0	.0		•0	.0	•0	•0	•0	•0	•0	
7	.0	.ŏ	•0		.0	.0	ě		ő	.0	•0	.0	•0	.0	•0	
8-9	.0		.0	.0	.0	.0	.0		ó	.0	•0	•0	•0	.0	•0	
10-11	.0	.0	•0		ě	.ŏ	.0		ő	.0		.0	.0	.0	.0	
12	ŏ	.0	ŏ				ŏ		ŏ	. 0	.0		.0	:0	.0	
13-16	.0	.0	.0	.0	iò	•0	ě		'n	.0			ěŏ			
17-19	.0	.0	•0	.0	, õ	.0	.0		.0	. 0	•0		•0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0		.0	.0	•0	.6	.0	.0		
23-25	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	. G	.0	
26-32	.0	.0	.0	.0	.0	.0	.0		.0	.0	•0	•0	.0	.0	.0	
33-40	.0	.0	•0	.0	.0	.0	.0		•0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	•0	.0	.0	•0	•0		.0	•0	.0	•0	•0	.0	.0	
49-40	•0	•0	•0	.0	.0	.0	.0		•0	.0	٥.	.0	•0	.0	•0	
61-70	•0	٠.	•0	.0	.0	•0	.0		•0	.0	•0	.0	•0	.0	•0	
71-86	•0	.0	•0	.0	.0	•0	•0		•0	• 0	•0	•0	•0	باه	.0	
87+	•0	.0	•0	.0	.0	•0	•0		•0	.0	•0	•0	•0	.0	•0	
TOT PCT	•0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	.0	.0	
				w								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	484	PCT	PCT
<1	.0	.0	•0	.0	.0	.0	.0		•0	.0	•0	.0	•0	.6		
1-2	.0	.0	.0	.0	.0	.0	.0		•0	.0	•0	.0	.0	.0	.0	
3-4	•0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0	
5_6	•0	•0	•0	٠.	.0	•0	•0		•0	.0	•0	•0	•0	.0	.0	
7	•0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	+0	.0	•0	
8-9	.0	•0	•0	.0	• 5	.0	•0		•0	•0	•0	•0	•0	.0	.0	
10-11	•0	•0	•0	.0	•0	•0	•0		•0	•6	۰0	•0	•0	•0	•0	
12 13-16	.0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0	
17-19	.0	.0	•0	.0	٥,	.0	•0		•0	•0	•0	•0	•0	•0	•0	
20-22		:0	•0	.0	.0	.0	.0		•0	.0	.0	.0	•0	•0	•0	
23-25		ö	.0	.0	.0	:0	.0		.0	.0	•0	•0	•0	.0	•0	
26-32	·č	:0	•ŏ						.0	:0	.0	•0	•0	:0	.0	
33-40	·ŏ		•0	.0	.0				ŏ	.0	.0	.0	•0		.0	
41-48	.ŏ		.0	.0	.0	.0	.0		ŏ	.0	.0	:0	•0	.0	.0	
49-60	.0		·ŏ		.ŏ				ŏ	.0	.0	:0	.0	.0	.0	
61-70	.0	.0	•0	.0	.0	.0	.0		, õ	iò	.0		.0	ŏ	.0	
71-86	.0	.0	.0	.0	.0		ō		.0	.0	.ŏ		.0		.0	
87+	. 5	.0	.0	.0	.0	.0			.0	.0			.0		.0	
TOT PCT	.0	.0	.0	.0	.0	.0	.0		. 0	.0	.0	.0	.0	.ò	.0	100.0

the second secon

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34047	48+	PCT	TOT
<1	.0	•0	.0	.0	.0	.0	.0	463
1-2	.0	50.0	.õ	. 0	.0	.0	50.0	
3-4	.0	.0	.0	ě		.0	.0	
5-6	.0	.0	50.0	.0		.0	50.0	
7	.0	.0	.0	ő		.0	.0	
8-9	.õ	ŏ	.0	ō		.õ	ŏ	
10-11	.0	.0	.0	.0	.0	.0	ŏ	
12	.0	.0	.0	.0	.0	.0	.õ	
13-16	•0	.0	.0	.0	.0	.c	.0	
17-19	•0	.0		.0	.0	.0	.0	
20-22	۰.0	.0	.0	.0	-0	.0	.ò	
23-25	.0	.0	.0	.0	.0	.0	ō	
26-32	.0	.0	.0	. 0	.0	.0	ŏ	
33-40	.0	.0	.0	.0	.0	.0	.ŏ	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	•0	. 6	.0	.0	.0	
61-70	•0	.0	.0	.0	.0	.0	ě	
71-86	.0	.0	• 0	.0	.0	.0	.ò	
87+	•0	.0	•0	.0	.0	.0	.ŏ	
TOT PCT	.0	50.0	50.0	.0	.0	.0	100.0	2

 PERIUD: (PRIMARY) 1914-1968 (OVER-ALL) 1360-1968

TO THE PROPERTY OF THE PROPERT

TABLE 1

AREA 0011 SOUTH CENTRAL JAVA 7.85 110.1E 

## PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	KENA	
WND DIR	RAIN	PAIN Shur	DRIL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST HOUR	THDR LTNG	FOG WD PCPN	FOC WO PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
N	.0	.0	۰.	.0	.0	.0	.0	.0	•0	.0	٠0	.0	.0	••	.0
NE	100.0	.0	٠.	-0	.0	.0	.0	100.0	•0	100.0	•0	.0	.0	•0	.0
E	6.1	6.1	.0	.0	.0	.0	.0	12.1	9.1	.0	.0	•0	.0	•0	78.8
ŠF	2.5	2.5	.0	.0	.0	.0	.0	5.1	1.3	10.1	.0	.0	.0	•0	83.5
S	.0	.0	.0	.0	.6	.0	.0	.0	•0	12.5	.0	.0	•0	•0	87.5
Š₩	.0	.0	.0	.0	.0	.0	.0	.0	•0	50.0	.0	.0	•0	.0	50.0
Ň	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	٠.	٠.
ЙH	,ò	.0	.o	.0	.0	.0	.0	.0	•0	,0	·ò	'n	.0	•0	.0
V SR	.0	.0	.0	, ö	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0
CALP	.0	.0	.0	.0	•0	.0	.0	.0	•0	.0	.0	•0	•0	•0	100.0
TOT PCT TOT CBS:	5.3 38	2.6	.0	.0	•0	.0	.0	7.9	2.6	10.5	•0	•0	•0	•0	81.6

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

				RECIPI	72710		MENA								
HCUR (G-IT)	RAIN	PAIN SHWR	DRZL	PRZG PCPN	HOME	PRZN	KAIL				WD	<b>PCSN</b>	HAZE	SPRAY BLWG DUST BLWG SNOW	NO SIG WEA
00003 0609 12615 18621	.0 .0 .0	10.0	.0 .0 .0	.0	.0	:6	.0	10.0	•0	9.1	••	.0	•0	•0	80.0 90.0 90.9 69.2
TOT 20T	5.1	2.6	٥.	.0	•0	.0	.0	7.7	2.6	10.3	.0	•0	•0	•0	82.1

TABLE :

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			ED (KN) 21-33		48+	TOTAL	PET	HEAN	00	03	05	наи <b>я</b> 09	(GHT)	15	18	21
							DRS	FREQ	SPD								
N NE	1.0	.5 ?•1	.0	.0	.3	•0		3.3	4.6 5,3	2.7 8.2	•0	4.9	•0	1.3	:0	1.5	2.7
£	1,5	12.8	4.4	.0	.0	, 3		18.2	8.0	26.8	•0	22.2	12.0	11.7	.0	17.7	20.0
SE	2.4	39.4	17.4	.1	•0	0		59.3	9,3	47.7	100.0	51.9	64.8	66.2	100.0	51.5	62.7
S	1.5	6.9	1.7	.1	.0	.0		10.3	7.4	5.5	•0	11.1	23.0	14.3	.0	10.8	5.5
Sw	1.2	1.7	. 1	.0	•0	•0		3.0	5.0	1.8	•0	3.7	7.4	2.6	.0		2.8
¥	. 5	.6	.4	.0	. 0	•0		1.8	6.5	4.5	.0	1.2	2.8	.6	.0	2.3	.0
NW	.3	1.0	.0	.0	.0	.0		1.3	5.2	.9	•0	.0	.0	1.9	.0	2.3	2.7
VAR	•0	.0	.0	.0	.0	.0		.0	•0	•0	•0	.0	•0	•0	.0	.0	•0
CALM	2.1							2.1	·c	1.8	•0	4.7	.0	1.3	.0	3.1	•0
TOT CBS	41	253	94	1	0	0	389		8.4	55	1	<b>31</b>	54	77	1	65	\$3
TOT PCT	10.5	65.0	24.2	.3	.0	.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

NND DIR	0-0	#IND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL OSS	PCT FREQ	MEAN SPO	00 03	H0UR 06 09	(GHT) 12 15	18
N	.6	.1	.0	.0	.0		, 8	4.6	2.7	٠.	.0	1.3
NE	5.6		.0	.0	.0		3.3	5.3	8.0	3.0	1.3	2.9
ŧ	5.5	12.4	.3	.0	.c		18,2	1.6	26:3	18.1	11.5	18.8
SE	13.4	44.2	1.4	.0	.0		57.3	9.3	48.7	57.0	66.7	62.1
5	5.4	4.4	.5	.0	.0		10.3	7.4	5.4	11.9	14.1	1.3
Šw	2.2		.0	.0	.0		3.0	5.0	1.8	5.2	2.6	1.3
v.	.,	. •	. 0	Ö	.0		1.0	6.5	4,5	1.9		1.3
NH	1.0	.,	.0	.0			1,3	5.2	. 9		1.9	2.5
VAR	1.0			ŏ			1,6	.5	ò	ŏ	6	
CALM	2.1	•••	•••	••	•••		2.1		1.8	3.0	1.3	1.7
TOT UPS	131	248	10	0	0	389		¥.4	50	135	78	120
TOT PCT	33.7	63.8	2,0	٠ŏ	.ŏ		Jun'a					

							DETDE	ER				
PERIOD: (PRIMARY) (CVER-ALL)	1914-196 1860-196						TARLE	4			AREA OO1	SQUTH CEHTRAL JAVA
			6 Et	CENTAGE	FREQU	ENCY OF	MIND	SPEED BY	Y HOUR	(GHT)		
	HQUR	CALM	1-3	4-10		SPEED 22-33			MEAN	PCT FREQ	TOTAL OBS	
	00603 06609 12615 18621 TOT PCT	1.8 3.0 1.3 1.7 8 2.1	16.1 7.4 3.8 9.2 33 8.5	60.7 65.2 67.9 65.0 253 65.0	21.4 23.7 26.9 24.2 94 24.2	.0 .0 .0		0 .0 0 .0 0 .0 0 .0	1.4	100.0 100.0 100.0 100.0	56 135 78 120 389	

			т	ARLE 5								т.	ABLE 6			•		
•	CT FRE			CLOUD A D DIREC		(EIGHTHS) MEAN			PERCEN	TAGE F	REQUEN	ICY DF	CEILIN	G HEIG	HTS (	FT,NH IRECTI	>4/8) DN	
WND DIR	0-2	3-4	5 <b>-</b> 7	03500	TOTAL OBS	COVER	000 149	150 2 <b>99</b>	300 599	999	1000 1999	2000 3499	3500 4999	5000 6499	6500 79 <b>9</b> 9	<b>8000</b> +	NH <5/8 ANY HGT	TOTAL DBS
N NE	.0	•0	•0	4.0		.0 8.0	•0	•0 ••0	.0	•0	•0	•0	.0	•0	•0	۰,	•0	
<b>£</b> \$£ \$	4.0	4.0 4.0	12.0 24.0 2.0	13.0		7.3 5.8	•0	•0	.0	4.0	4.0	8.0	:0	•0	.0	•0	11.0 25.0	
ŠW	2.0	.0	2.0			4.0 4.5	•0	•0	.0	•0	•0	•0	2.0	•0	•0	.0	2.0	
NH VAR	.0	.0	•0	•0		•0	•0	•0	.0	.0	•0	•0	.0	•0	•0	•0	•0	
CALM TOT UBS TOT PCT	.0 2 8.0	4.0 3 12.0	8.0 12 48.0		25	6.0 6.1	•0	1	.0	12.0	.0	4.0	.0	•0	•	•0	12.0 14	25

TABLE 7 CUMULATIVE PCT FRED OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NH)

			VSBY (NE	1)			
• DR	- DR	• OR	■ DR	e DR	a D2	- 70	• DR
>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
.0	•0	.0	.0	.0	.0	. 0	.0
-0	.0						ö
.o						3.4	
							3.6
							23.1
							26.9
						38.5	38.5
		38,5	38.5	38.5	38.5	38.5	30.5
30.8	38.5	38.5	38.5	42.3			42.3
30.8	38.5						
•	10	10	10	ii	ii	ii	42.3
	.0 .0 19.2 23.1 30.8 30.8 30.8	>10 >5 .0 .0 .0 .0 .0 3.8 19.2 23.1 23.1 26.9 30.8 38.5 30.8 38.5 30.8 38.5 30.8 38.5	>10 >5 >2 .0 .0 .0 .0 3.8 3.8 19.2 23.1 23.1 23.1 26.9 26.9 90.8 38.5 38.5 30.8 38.5 38.5 30.8 38.5 38.5 30.8 38.5 38.5	OR O	**OR **OR **OR **OR **OR **OR **OR **OR	**OR **OR **OR **OR **OR **OR **OR **OR	**OR **OR **OR **OR **OR **OR **OR **OR

TOTAL NUMBER OF DBS: PCT FREO NH <5/81

> TABLE 74 PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

		-			-						•			* **********	igen many of the second	ateriacia paseriari 3 <sub>00-</sub> 0 interiorialististis	
									00	TOBER							
PERIOD:	(PRIMARY) : (OVER-ALL) :	1914=1 1860=1	968 968						TA	BLF 8				ARE	A 0011	SOUTH CENTRAL 7.85 110.1E	. JAV
				Pe	RCENT	FREQ PREC	OF WIN	D DIRE	CTION TH VAR	VS OC	CURRENC VALUES	E OR S	19171.	CURREN( TY	E OF		
	VSBV (NM)			N	NE	E	SE	\$	Sw	W	NW	VAR	CALH	_	TOTAL OBS		
	<1/2	PCP ND 1 TDT		.0	•0	•0	•0	•0	•n •0 •0	•0	.0	•0	•0	.0			
	1/2<	PCP 1 NO I TOT		.0	2.6	•0	•0	•0	•0	.0	•0	.0	•0	•0			
	1<2	PCP ND	СР	.°	.0	:0	•0	•0	•0	.0	.0	•0	•0	.0			
	2<5	PCP No 1		.0	.0	.0 .0	•0	•0	.n	.0 .0	.0	.0	•0	.0			
		TOT PCP		.0	••	2.6	2.6	•0	•0	•0	•0	•0	• • • • • • • • • • • • • • • • • • • •	.0 5.3			
	5<10	TOT		.0	:0	5.3	11.8	2.6	1.3	•0	.0	•0	•0	23.7			
	10+	PCP ND TDT		.0	•0	16.4 16.4	37.5 37.5	•0 7•9 7•9	1.9 1.3	.0	.0	•0	10.5 10.5	73.7 73.7			
		TOT :		.0	2.6	21.7	52.0	10.5	2.6	.0	•0	.0	10.5	100.0	38	•	
						PE	RCENT	FREQ 0	F WIND	ABLE S	TION V	S WIND	SPEE	•			
		/S8Y	SPD		N	NE	E	TH VAR SE	YING V S	SW	OF VIS			CALM		DTAL	
		(1/2	KTS 0-3 4-10 11-21 22+ TGT %		.0	.0	•0	•0	.0	.0	.0	.0	.0000	•0	.0000	OBS	
	1	1/2<1	0-3 4-10 11-21 22+ TOT %	ļ	.0 .0 .0	.0	•0	•0	•0	.0	.0	.0	.0	•0	.0		
		1<2	0-3 4-10 11-21 22+ TOT 1	l I	.0 .0 .0	.0.0.0	•0	•••••	•••••	.0	.0	.0	.0	•0	•••		
		2<5	0-3 4-10 11-21 22+ TOT 5	1	.0 .0 .0	.0	•0	.0 .5 .0	•0	.0000	.0	.0	.0	•0	.0		
			0-3 4-10 11-21		•0	.0	.0 1.0 1.0	.5 2.7 1.0	.5 .0	.0 .2 0.	.0 .0	.0	.0	•0	1.0		

TABLE 9

V58Y (NM) <1/2	SPD KTS 0-3 4-10 11-21	N .0	NE	Ε	SE	_						PCT	TOTAL
<b>&lt;</b> 1/2	4-10	. ^		_	35	\$	SW	Ħ	NW	VAR	CALH	P6.	DBS
<1/2	4-10		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11.01	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-51	.0	.0	.0	•0	.0	.0	.0	.0	.0		.0	
	22+	٠.	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	•0	•0	•0	•0	•0	.0	.0	.0	.0	•0	.0	
	0-3	.0	.0	•0	.0	•0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	.5	.0	•0	.0	.0	.0	.0	.0		.5	
	11-21	•0	.0	•0	.0	•0	.0	.0	•0	.0		ō	
	<b>22</b> +	.0	.0	•0	•0	.0	.0	.0	.0	.0		.0	
	TOT \$	•0	.5	•0	••	•0	•0	.0	•0	.0	•0	,5	
	0-3	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	•0	•0	.0	•0	•0	٠,0	•0	٠.		.0	
	11-21	.0	٠c	.0	•0	•0	•0	.0	.0	۰.		.0	
	22+	.0	.0	•0	•0	.0	•0	•0	.0	.0		•0	
	TOT \$	•0	.0	•0	•0	•0	.0	.0	•0	.0	•0	•0	
	0-3	.0	.0	.0	•0	•0	.0	•0	.0	.0	.0	.0	
2<5	4-10	•0	.0	•0	.5	•0	•0	.0	.0	.0		.5	
	11-21	٠.	.0	• 0	•0	•0	.0	.0	•0	.0		.0	
	22+	.0	.0	•0	•0	•0	•0	.0	.0	.0		.0	
	<b>TOT \$</b>	.0	•0	•0	.5	•0	•0	•0	•0	•0	•0	.5	
	0-3	•0	.0	•0	.5	.5	.0	•0	.0	.0	•0	1.0	
5<10	4-10	•0	.0	1.0	2.7	.5	• 2	•0	.0	٠.		4,4	
	11-21	.0	•0	1.0	1.0	•0	.0	•0	•0	.0		5.0	
	22+	.0	.0	.0	.0	.0	•0	.0	•0	.0	_	.0	
	TOT %	•0	.0	2.0	4.2	1.0	•2	•0	•0	.0	.0	7.4	
• • •	0-3	٠.0	. 5	2.0	3.4	1.5	•0	٠2	.2	.0	2.0	9.8	
10+	4-10	.5	2.5	16.8	37.9	4.2	.5	٠ž	.2	.0		62.7	
	11-21	.0	.5	3.2	14.5	1.0	•0	•0	•0	.0		19,1	
	22+	٠.٥	.0	0	0	.0	٠0	٠0	•0	.0		0	
	TOT %	.5	3.4	21.9	55.0	6.6	.5	.5	.5	.0	2.0	91.7	
	OT DAS	.5	3.9	23.9	60.4	7.6	.7	.5	.5	.0		100.0	204

GETOBER

PERIOD: (PRIMARY) 1914-1968 (OVER-ALL) 1860-1968

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TABLE 10

AREA 0011 SDUTH CENTRAL JAVA 7.85 110.1E

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Ö

PERCENT FREQUENCY OF CUICING HEIGHTS (FEET, NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HDUR (GMT)	000 149	190 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANV HGT	TOTAL DBS
E0300	.0	•0	.0	33.3	.0	.0	.0	•0	.0	.0	33.3	66.7	3
06609	.0	.0	.0	.0	.0	28.6	.0	•0	.0	•0	28.6	71.4	7
12615	.0	.0	.0	11.1	11.1	11.1	.0	.0	.0	.0	33.3	46.7	•
18621	.0	12.5	.0	12.5	.0	25.0	12.5	•0	.0	•0	62.5	37.5	
TOT PCT	.0	3.7	.0	3 11.1	3.7	16.5	3.7	.0	.0	.0	40.7	16 59.3	27 100.0

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY V584	(NH)	ey Hour		CUMULAT					VSRY (NM)	
HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
E0300	.0	.0	.0	.0	6.7	93.3	30	00603	•0	.0	33,3	•0	66.7	3
90360	.0	•0	.0	.0	4.6	95.4	65	90360	•0	•0	.0	28.6	71.4	7
12615	•0	.0	.0	•0	5.0	95.0	40	12615	•0	•0	11.1	22.2	66.7	•
18621	.0	1.4	•0	1.4	11.4	85.7	70	18621	•0	14.3	28,6	42.9	28.6	7
TOT PCT	.0	.5	0	.5	15 7.3	188	205 100.0	TOT PCT	.0	3.5	15.4	26.9	15 57.7	26 100.0

TARLE 13

TABLE 14

	PERC	ENT FR	EQUENC	Y OF R	ELATIV	E HUMI	DITY BY	Y TEMP	TOTAL	₽CT		PERC	ENT FR	EQUENC	Y OF W	IND DII	RECTION	8Y T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FREQ	N	NE	E	36	S	SW	*	NW	VAR	CALM
90/94	.0	.0	.0	.0		3.1	.0	.0	1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
85/89	.0	.0		.0	.0	.0	.0	3.1	1	3.1	.0	.0	1.6	1.6	٠.	:0	.0	.0	•0	.0
80/84	.0	.0	0	.0	3.1	25.0	25.0	6.3	19	3.1	.0	.0	10.	1.6 33.6	.0	.o	.0	.0	•0	9.4
75/79	.0	.0	.0	.0	.0	6.3	15.6	12.5	11	34.4	.0	3.1		10.9	6.3	3.1	.0	.0	.0	.0
TOTAL	0	0	. 0	0	1	11	13	7	32	100.0	-						• •			
PCT	•0	.0	.0	•0	3.1	34.4		21.9			•0	3.1	22.7	46.1	12.5	3.1	.0	•0	•0	12.5

TARLE 15

TABLE 16

THE PROPERTY OF THE PROPERTY O

		PERCEN	11/69	UP TE	IP (DE	G F)	Y HOUR		PERC	ENT FRE	<b>ONENCA</b>	OF RELA	TIVE H	UMIDITY	BA HOUL	Ł
***	95x	50%	54	14	MIN	MEAN	TOTAL	HOUR (GHT)	0-29	30-59	60-69	70-79	80-89	90-100	HEAN	TOTAL
84	82	79	75	74	74	79.0	55	60300	•0	•0	0		66.7	33.3	90	3
83	82	80	77	74	74	79.8	77	12615	.0	:0	•0	30.0	60.0	10.0	83	10
82 86	81 84	79 80	76 76	74 74	72	78.6	122 382	18621 TOT	•0	• 6	•0	36.4	27.3 13	30.4	**	11 33
	84 87 83 82	84 82 87 86 83 82 82 81	84 82 79 87 86 82 83 82 80 82 81 79	84 82 79 75 87 86 82 78 83 82 80 77 82 81 79 76	84 82 79 75 74 87 86 82 78 77 83 82 80 77 74 82 81 79 76 74	84 82 79 75 74 74 87 86 82 78 77 74 83 82 80 77 74 74 82 81 79 76 74 72	84 82 79 75 74 74 79.0 87 86 82 78 77 74 81.7 83 82 80 77 74 77 79.8 82 81 79 76 74 72 78.6	84 82 79 75 74 74 79.0 55 87 86 82 78 77 74 81.7 128 83 82 80 77 74 74 79.8 77 82 81 79 76 74 72 78.8 122	84 82 79 75 74 74 79.0 55 00E03 87 86 82 78 77 74 81.7 128 06E09 83 82 80 77 74 74 79.8 77 12815 82 81 79 76 74 72 78.6 122 18821	085 (GMT) 84 82 79 75 74 74 79.0 55 00003 .0 87 86 82 78 77 74 81.7 128 08009 .0 83 82 80 77 74 74 79.8 77 12615 .0 82 81 79 76 74 72 78.6 122 18621 .0	085 (GMT)  84 82 79 75 74 74 79.0 55 00E03 .0 .0  87 86 82 78 77 74 81.7 128 0EC09 .0 .0  83 82 80 77 74 74 79.8 77 12E15 .0 .0  82 81 79 76 74 72 78.6 122 18E21 .0 .0	085 (GMT)  84 82 79 75 74 74 79.0 55 00003 .0 .0 .0  87 86 82 78 77 74 81.7 128 06009 .0 .0 11.1  83 82 80 77 74 74 79.8 77 12815 .0 .0 .0  83 81 79 76 74 72 78.6 122 18821 .0 .0 .0	085 (GNT)  84 82 79 75 74 74 79.0 55 (GNT)  87 86 82 78 77 74 81.7 128 08609 .0 .0 11.1 55.6  83 82 80 77 74 74 79.8 77 12815 .0 .0 .0 30.0  82 81 79 76 74 72 78.6 122 18821 .0 .0 .0 30.0	085 (GMT)  84 82 79 75 74 74 79.0 55 00603 .0 .0 .0 .0 66.7  87 86 82 78 77 74 81.7 128 08609 .0 .0 11.1 55.6 22.2  83 82 80 77 74 74 79.8 77 12615 .0 .0 .0 30.0 60.0  82 81 79 76 74 72 78.6 122 18621 .0 .0 .0 30.4 27.3	085 (GMT)  84 82 79 75 74 74 79.0 55 00E03 .0 .0 .0 .0 66.7 33.3 87 86 82 78 77 74 81.7 128 09E09 .0 .0 11.1 55.6 22.2 11.1 83 82 80 77 74 74 79.8 77 12E15 .0 .0 .0 .0 30.0 60.6 10.0 82 81 79 76 74 72 78.6 122 1881 .0 .0 .0 30.0 30.0 40.5 10.0	085 (GMT)  84 82 79 75 74 74 79.0 55 (OLCO) .0 .0 .0 .0 66.7 33.3 90 87 86 82 78 77 74 81.7 128 (OECO) .0 .0 11.1 55.6 22.2 11.1 78 83 82 80 77 74 74 79.8 77 12815 .0 .0 .0 .0 30.0 60.0 10.0 83 82 81 79 76 74 72 78.6 122 18821 .0 .0 .0 30.0 27.3 38.4 88

OCTOBER

PERIOD: (PRIMARY) 1914-1968 (OVER-ALL) 1860-1968

TABLE 17

AREA 0011 SOUTH CENTRAL JAVA 7.85 110.18

PCT FREQ OP AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	6 <b>9</b> 72	73 76	77 80	81 84	85 88	89 92	707	W FOS	WD FDG
5	.0	•0	.0	.0	.0	3.1	1	.0	3.1
3	.0	.0	.0	6.3	.0	.0	2	.0	6.3
2	.0	.0	.0	6.3	3.1	.0	3	.0	9.4
ō	.0	• õ	9.4		.0	.0	6	.0	18.8
-1	.0	•0	15.6	6,3	.0	•0	7	.0	21.9
-2	.0	•0	6.3	12.5	.0	.0	•	.0	18.8
-2 -3	.0	•0	9.4	.0	.0	.0	3	•0	7.4
-4	.0	.0	.0	3.1	.0	.0	1	.0	3.1
-5	.0	3.1	.0	.0	.0	.0	i	.0	3.1
-6	.0	3.1	.0	.0	.0	.0	i	.0	3.1
-9/-10	3.1	.0	.0	.0	.0	.0	i	.0	3.1
TOTAL	1		13		1			0	32
		2	-	14		1	32	-	
PCT	3.1	6.3	40.6	43.8	3.1	3.1	100.0		100.0

PERIOD: (DVER-ALL) 1963-1968

TABLE 18

				PC	T FREG	OF WIND	SPEED	(KTS) A	ND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)		
				N								NE			
HGT	1-3	4-10	11-2:	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	•0	.0	•0	•0		•0	.0	.0	-0	•0	.0	•0
1-2	.0	.0	.0	•0	.0	•0	.0		•0	.0	.0	•0	•0	.0	•0
3-4	.0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	.0	•0
5-6	.0	.0	•0	•0	•0	•0	.0		•0	•0	•0	•0	•0	.0	•0
7	.0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	•0	•0
1-9	•0	.0	•0	.0	.0	•0	•0		•0	.0	•0	•0	•0	•0	.0
10-11	.0	.0	•0	•0	.0	•0	•0		•0	:0	•0	•0	•0	•0	.0
12 13-16	•0	.0	•0	•0	•0	•0	.0		.0 .c		.0	•0	•0	.0	:0
17-19	.0	.0	•0	.0	•0	.0	•0		.0	ö	:0	.0	.0	:	.0
20-22	:ŏ	:6	.0	.0	.0	:0	.0		.0	ŏ	.0		.0	:6	
23-25	٠٥	.ö	•0		.ŏ		ŏ		ŏ		.ŏ		.0	.0	ě
26-32	.ŏ		.0			.0			ŏ	ŏ	.0	.0			.0
33-40	ŏ		•0	.0	.0	.0			ŏ	.0		.0	.0		, ö
41-48	ö	.0	.0	.0		.0	ŏ		.0	ō	ŏ		.0	.ŏ	.0
49-60	.0	.ŏ	.0	.0	.ŏ	.0			ŏ	ŏ	.0		•0	.0	.0
61-70	ŏ		.0	.ŏ		.0	.0		ŏ	.0	ě		•0	.ŏ	.0
71-86	.0	.0	•0	•0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
TOT PCT	.õ	.ŏ	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
	_		-												
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4=10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	•0	.0		•0	•0	.0	•0	•0	.0	.0
1-2	.0	7.5	•0	•0	.0	.0	7.5		•C	32.5	.0	-0	•0	.0	32.5
3-4	.0	20.0	25.0	.0	.0	.0	45.0		•0	•0	15.0	•0	•0	.0	15.0
5-6	.0	.0	•0	.0	.0	.0	•0		•0	.0	.0	•0	•0	.0	.0
7	.0	.0	•0	.0	.0	•0	•0		•0	.0	•0	•0	•0	.0	.0
9-9	.0	•0	•0	•0	•0	•0	•0		•0	•0	.0	•0	•0	.0	•0
10-11	.0	•0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0
12	.0	.0	•0	•0	•0	•0	•0		•0	•0	.0	•0	•0	.0	.0
13-16	•0	.0	•0	.0	.0	.0	•0		•0	.0	.0	•0	•0	• 0	.0
17-19	.0	.0	•0	•0	.0	.0	•0		•0	.0	.0	•0	•0	•0	:0
20-22	.0	.0	•0	•0	.0		•0		•0		.0	•0	•0	٠.٥	.0
23-25	.0	.0	•0	•0	•0	.0	•0		.0	:0	•0	•0	.0	.0	:8
26-32	.0	.0	•0	.0	.6		•0		.0	.0		•0	.0	.5	.0
33-40	.0	.0	•0	•0	.0	.0	•0		.0	:0	•0	••	.0	.0	.0
41-48		.0	•0	.0	.0		.0		.0	.0	.0	:0	.0	.0	.0
61-70	.0	.0	•0	.0	•0	:0	.0		.0		.0	.0	.0	:0	.0
71-86	:0	:0	•0	.0	.0	:0	.0		.0		.0	.0	.0	:0	
874	:8	:6	•0	:0	:0	:8	:0		:0	ö	:8	::	ĕŏ	:0	.0
TOT PCT	.0	27.5	25.0	.0	.0	.0	52.5		.0	32.5	15.0		•0	.0	47.5
	••		-210	•••	••	•••			•••			•••	• • •	•••	

PERIUD:	COVE	-ALL)	1963-:	968				TABLE	OCTOBER				AREA		15 110	ENTRAL JAVA
				PC	T FRED OF	WIND	SPEED	(KTS)	AND DIREC	TION	VERSUS S	EA HEIG	HTS (FT)			
HGT	1-3	4-10	11-21	S 22-33	34-47	48+	PCT		1-3	4-10	11-21	SW 22+33	34-47	48+	PCT	
<1		.0	.0	.0	.0				••0	.0		.0	.0	.0	.0	
1-2	.5		٥	.0	ŏ		.ŏ		.0	.0			.0	.0	.0	
3-4	ŏ	.6	.0	.0	ŏ	iŏ			iò	.0		.0	.0	.0	.0	
5-6	.0	.0	.0	•0	.0	.0	.0		.0	.0		•0	.0	.0	.0	
7	.0	.0	•0	•0	.0	.0	.0		.0	.0		•0	•0	.0	•0	
8-9	•0	.0	•0	•0	•0	.0	.0		•0	• 0		.0	•0	•0	•0	
10-11	.0	.0	.0	•0	• ?	•0	•0		•0	.0		•0	•0	٠.	•0	
12	•0	.0	•0	•0	•0	.0	•0		•0	.0		•0	•0	•0	•0	
13-16	٠.	.0	•0	.0	•0	٠.	•0		•0	•0		•0	•0	.0	•0	
17-19	•0	•0	•6	•0	•0	٠.٥	•0		•0	• 0		•0	.0	.0	•0	
20-22	٠,	.0	•0	.0	•0	.0	•0		• 6	.0		•0	.0	.0	.0	
23-25 26-32	.0		.0	.0	.0	.ŏ	.0		.0	ě		.0	٥	.ŏ	.ŏ	
33-40	ŏ	.0	.0	.0	.0	ě	.0		.0				ŏ	.ŏ		
41-48			.0			.ŏ			ěŏ	i			.0		.0	
49-00	. 0	.0	.0	.0	.0	.0	.0		.0			.0	.0	.0	.0	
61-70	.č	.0	.0	.0	.0	Š	.0		.0			•0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0		.0		.0	.0	•0	.0	.0	
87+	.0	.0	.0	.0	•0	.0	.0		.0	• 0		•0	•0	.0	•0	
TOT PCT	.0	.0	•0	•0	.0	.0	•0		•0	• 0	•••	•0	•0	.0	•0	
				w								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1=3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	•0	.0	•0	.0	•0	-0	•0		•0	• (		•0	•0	•0	•0	
1-2	•0	.0	•0	.0	•0	٠.0	•0		•0	• 9		•0	•0	•0	•0	
3-4	•0	.0	٠,	.0	•0	٠.٥	•0		•0	• 9		•0	•0	•0	•0	
3-6	•0	.0	•0	•0	•0	•0	•0		•0	• (		•0	•0	•0	•0	
7 8-9	.0	٠.٥	•0	•0	•0	•0	•0		•0			•0	•0	.0	•0	
10-11	.0	.0	•0	•0	•0	.0	•0		• 6	::					.0	
12			•0	.0					ő				.0		.ŏ	
13-16			•0	.0	.0	.0	•0		• 5			••	.0	.0	•0	
17-19	.0	.0	.0	.0	.0	.0	.0		ຳ			.0	.0	.0	.0	
20-22	.0	.0	• 0	•0	.0	.0	.0		•0	• 6		-0	•0	.0	.0	
23-25	.0	.0	•0	.0	.0	.0	.0		.0	. (		.0	•0	.0	.0	
26-32	.0	.0	•0	.0	.0	.0	.0		•0	• (		-0	•0	.0	•0	
33-40	•0	.0	•0	.0	.9	.0	•0		•0	• 9		•0	•0	.0	.0	
41-48	•0	.0	•0	.0	•0	.0	•0		•0	•9		•0	•0	•0	•0	
49-60	•0	•0	•0	• ?	•0	•0	•0		•0	• 9		•0	•0	•0	•0	
61-70	•0	.0	•0	•0	.0	• 2	•0		•0	• 6		•0	•0	• 0	•0	
71-86	٠0	.0	•0	•0	•0	•0	•0		•0	• (		.0	•0	.0	•0	
87+ TOT PCT	.0	.0	•0	•0	.0	.0	•0		:0			.0	•0	.0	.0	100.0
101 -61	••	.0	•0	•0	•0	••	••		••	• `	- •0	••	••			-40.4

	WIND	3PEED	(KTS)	VS SEA	MEIGHT	(FT)		
нст	0~3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<b>«</b> 1	.0	.0	٠.	.0	.0	.0	.0	083
1-2	.,	40.0		.0		.0	40.0	
3-4	.6	20.0	40.C		.0	.ŏ	60.0	
5-6			.0	ŏ	.0	.0		
770	.0			.0	.0	.0		
8-9	.0			ě				
10-11	.0	ŏ				.0	٥	
12						.0	.0	
	•0	.0	.0					
13-16	•0	.0	.0			.0	.0	
17-19	•0	.0	•0			.0	.0	
20-22	•0	.0	•0			•0	.0	
23-25	•0	.0	.0		.0	.0	.0	
26-3Z	.0	.0	•0			.0	.0	
33-40	•0	.0	.0	•0	•0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	•0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-66	.0	.0	.č		.0	.0	.0	
07+	.0	.0	.0			.0	.ŏ	
		••	•••	••	•-	•••	•••	10
TOT POT	•0	60.0	40.0	.0	.0	.0	100.0	••

PERIOD: (DVER-ALL) 1950-1968

					PERCENT	FRE	QUENCY	DF WA	VE HEI	GHT (F1	r; VS I	AVE P	COINE	(SECON	DS1						
PF#100	<1	1-2	3-4	5-6	7	1-1	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-40	61-70	71-86	87+	TOTAL	MEAN
(SEC)	5.0	10.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	HGT 2
6-7	.0	10.0	10.0	5.0	٥.	.0	.0	.0	.0	٠.	:0	.0	.0	.0	.0	.0	.0	.0	.ŏ		3
8-9 10-11	•0	.0	.0	.0	.0	.0	•0	20.0	.0	:0	:0	.0	.0	.0	.0	.0	.0	:5	.6	•	11
12-13				15.0		.0	.0	. ŏ	.0	.0	.0	ō	.0	.0	.0	.0	.0		.0	3	5
>13 INDET	15.7	.0	.0	.0		.0	••	.0	.0		.0	.0	.0	.0	.0	.o	.0	::	.0	1	٥
TOTAL	4	•	•	'4	·ŏ	ŏ	Ö		Ť	0	Ō	٥	0	Ó	ő	0	Ö		Ö	20	ĭ
PCT	20.0	20.0	20.0	20.0	.0	.0	.6	20.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

#### NOVEMBER

PERIOD: (PRIMARY) 1915-1966 (OVER-ALL) 1858-1966

TABLE 1

AREA 0011 SDUTH CENTRAL JAVA 7.85 110-1E

PERCENT	PREQUENCY	OF	MEATHER	DCCURRENCE	£V	HIND	DIRECTION

			•	RECIPI	TATION	TYPE					OTHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	RAIN SHWR	CR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPH PAST Hour	THOR	POG WD PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
N NE E S S W W VAR CALP	.0	.0	.0	.00.00	.00	.0.00	••••••	11.8	.0 .0 12.1 .0 .0 .0	.0 8.8 13.6 12.9 34.5 14.3		•0	.0 .0 .0 .0 .0	•0 •0 •0 •0 •0	100.0 79.4 74.2 87.1 45.5 85.7 .0
TOT PCT TOT CAS:	2.2 46	.0	.0	.0	•0	•0	•0	2.2	4.3	15.2	•0	•0	•0	•0	78,3

TABLE 2

## PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN	DRZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THDR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SMOKE	SPRAY RLWG DUS' BLWG SNDI	
00803 C6609 12815 18621	.0 5.6	.0	.0	.0	.0	•0	•0	.0 .0 5.6	.0 .0 5.6 11.1	.0 22.2 44.4	.0 .0	.0	0.00	•0 •0 •0	100.0 100.0 66.7 44.4
TOT PCT TOT DAS:	2.1 48	.0	.0	.0	•0	•0	•0	2.1	4.2	16.7	•0	•0	•0	•0	77.1

TABLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		with	ND SPE	EC (KNO	TS)								HOUR	(GHT)			
HND DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL DBS	FRFQ	MEAN SPD	00	03	06	9	12	15	18	21
N NE	.3	1.4	.4	•0	•0	.0		2.1 3.6	6'. 8 5. 6	2.8	•0	.0 1.7	•0	2.5	20.0	4,6	2.2
E Se	1.3	11.2	1.7	.0	.0	.0		14.1	7,2	20.8	16.7	20.4	7.9	12.8	20.0	7,7	15.7
\$	3.3 5.1	25.5 12.8	5.8 1.6	.1	•0	•0		34.7 19.7	7.9 6.1	32.1 11.8	33.3 16.7	39.6	41.2	35.3	30.0	36.9 17.7	24.6
\$ w	2.6	5.3 2.9	1.7	.0	•0	.0		9.6	7.9	7.1 5.7	33.3	5.8	9.6	11.9	20.0	8.5	11.2
Nu	.5	2.7	.,	.0	.0	.0		4.1	7.5	3.8	•0	.0	5.3	5.6	:8	10.8	5.2
VAR Calp	.0 5.4	•0	•0	•0	•0	•0		5.4	.0	9.4	•0	.0 3.3	.0 5.3	2.5	.0	4.6	9.0
TOT CBS	83	252	. 52		0	0	390		• • •	53	3	60	57	<b>\$</b> 0	5	65	67
TOT PCT	21.3	84.6	13.3		•0	•0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

***	E	34	

						-						
WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNGTS) 28-40	41+	TOTAL DBS	PCT FRED	MEAN SPD	00 03	HQUI 06 09	(GMT) 12 15	18 21
N	1.3		•0	•0	.0		2.1	6.8	2.7	٠.0	2.4	3.4
NE	3.2	• 1	.3	•0	.0		3,6	5.6	6,3	.,	2.4	5.7
e	7.8	5.7	•6	•0	.0		14.1	7.2	20.5	14.3	13.2	11.7
58	13.8	20.1	.,	•0	.0		34,7	7.9	32.1	40.4	35.0	30.7
5	12.3	7.0	. 4	.0	.0		19.7	6.1	12.1	24.8	19.4	18.6
Sw	5.6	3.5			·ò		9,6	i.i	71.5	7.7	12.4	
												7.8
W	3.7	2.1	1.0	•0	.0		6.5	7.9	5.4	5.1	7.6	1.3
NW	2.1	2.1	•0	.0	•0		4.1	7.5	3,6	2.6	5.3	4.9
VAR	.0	•0	.0	•0	.0		.0	.0	.0	.0	.0	•0
CALM	5.4		• •	*-			5,4	.0	4,7	4.3	2.4	
TOT DAS	213	161	14	0	0	390		4.ĭ	756	117		• • •
						310		4.0			. 85	135
TOT PET	35.1	41.3	3.6	.0	.0		100.0		100.0	100.0	100.0	100.0

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PERIOD: (PRIMARY) :915-1966 (OVER-ALL) 1858-1960

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TARLE 4

AREA ODIL SOUTH CENTRAL JAVA 7.85 110.1E

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	PERCENTAGE	FREQUENCY	OF	WIND	SPEED	84	HOUR	(GPT)
--	------------	-----------	----	------	-------	----	------	-------

				WIND	SPEED (	KNATS)			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PREG	DBS
60300	8.9	10.7	67.0	12.5	.0	.0	.0	6.6	100.0	56
90300	4.3	17.9	66.7	9.4	1.7	.0	.0	6.8	100.0	117
12615	2.4	15.3	65.9	16.5	.0	.0	.0	7.1	100.0	85
18621	6.8	16.7	60.6	15.2		.0	.0		100.0	132
TOT	21	62	252	52	3	0	٥	6.0	•	390
PCT	5.4	15.9	64.6	13.3		.0	.0		100.0	- • •

TARLE 5

TABLE 6

P	CT FRE			LUUD A		(EIGHTHS)		1					CEILIN					
WND DIR	0-2	3-4	5-7	8 & nasco	TCTAL CBS	HEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6590 7999	8000+	NH €5/8 ANY HGT	
¥	.0	• ?	.0	•0		•0	•0	•0	.0	.0	.0	.0	.0	.0	•0	.0	•0	
NE	.0	.0	.0	•0		.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	
E	.0	.0	12.1	•0		6,5	.0	.0	.0	.0	.0	3.2	.0	.0	•0	.0	8.9	
šE	3.2	8.1	18.5	9.7		5.5	•0		3.2	6.5	.0	0.0	.0	.0	•0	.0	29.8	
š.	.0	7.3	11.3	1.6		4.8	•0	.0	. 0	.0	.0	3.2	1.6	•0	•0	.0	15.3	
Š×	3.2	5.6	6.5	1.6		4,5	•0	. 0	.0	. 0	.0	4.8	1.2	• 0	•0		8.9	
¥ .	3.2	4.8	3.2	•0		4.0	•0	.0	. 0	.0	.0	1.6	1.6	•0	•0	.0	6.1	
Ÿ#	.0	.0	.0	•0		.0	•0	.0	.0	.0	.0	.0	.0	•0	•0	.0		
VAR		.0	.0	•0		ō	•0	.0	.0	.0	.0	.0	.0	•0	•0	.0	.0	
CALM	.0	.0	.0	•0		ō	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	
TOT DAS	'n	·ă	iŏ	74	31	5. ĭ	ŏ	ő	'ĭ	ž	• 6	**	ž	č	ŏ	·ŏ	22	31
TOT PCT	9.7	25.8	51.6	12.9	100.0		•0	•0	3.2	6.5	٠.	12.9	6.5	•0	•0	• • •	71.0	100.0

TARLE 7

CUMULATIVE PC	T FREG	OF SIMULT	ANEQUS	BCCURRENCE
OF CEILING	HEIGHT	(NH >4/8)	AND VS	BY (NH)

				A301 INU	.,			
CEILING	• OR	• DR	⇒ UR	= OR	• BR	■ JR	• OR	= DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
■ OR >6500	.0	.0	.0	.0	.0	.0	.0	.0
<ul> <li>€R &gt;5000</li> </ul>	.0	.0	.0	.0	.0	.0	.0	.0
■ OK >3500	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
■ DR >2000	15.6	15.6	15.6	15.6	18.8	18.8	14.8	18.8
■ DR >1000	15.6	15.6	15.6	15.6	18.8	18.6	18.8	18.8
■ DR >600	21.9	21.9	21.9	21.9	25.0	25.0	25.0	25.0
a DR >300	21.9	25.0	25.0	25.0	28.1	28.1	28.1	28.1
■ DR >150	21.9	25.0	25.0	25.0	20.1	28.1	28.1	28.1
■ DR > 0	21.9	25.0	25.0	25.0	28.1	28.1	28.1	28.1
TOTAL	7	=3,1			9	9	-34	9

TOTAL NUMBER OF OSS: 32

PCT FREQ NH <5/8: 71.9

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 085CD 085 .0 2.7 24.3 35.1 8.1 8.1 5.4 8.1 8.1 .0 37

٠	•		•	-			
٠	o	٧	E	H	٠	£	ĸ

								MOA	MAEK							
PERIODI	(PRIMARY) 1 (OVER-ALL) 1							TAI	LE .				ARE	A 0011	SOUTH CENTRAL 7.85 110.18	JAVA
			Pi	ERCENT	PREC	OP WIN IPITAT	D DIRE	CTION THE	VS OCCU VINC VA	LUES I	E DR N DF VIS	ON-000	URRENC Y	E OF		
	VSBY (NM)		N	NE	E	SE	\$	SW	W	NW	VAR	CALH	PCT	TOTAL OBS		
		PCP	.c	.0	•0	.0	•0	.0	.0	•0	.0	.0	,0			
	<1/2	NO PCP	.0	.0	.0	.0	•0	.0	.0	•0	.0	.0	.0			
		TOT S	.0	.0	•0	.0	•0	•0	.0	•0	•0	•0	.0			
		PCP	.0	.0	2.2	.0	•0	•0	.0	•0	.0	.0	2,2			
	1/2<1	NO PCP	•0	.0	.0	•0	•0	.0	.0	•0	.0	•0	.0			
		TOT \$	•0	•0	2.2	•0	•0	• 0	.0	•0	•0	•0	2,2			
		PCP	.0	.0	•0	.0	•0	• 0	•0	•0	.0	•0	.0			
	1<2	ND PCP	.0	.0	•0	•0	•0	•0	.0	•0	.0	•0	.0			
		TOT \$	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0	.0			
		PCP	.0	.0	•0	•0	•0	.0	•0	•0	.0	.0	•			
	2<5	NO PCP	.0	.0	•0	.0	•0	.0	.0	•0	.0	.0	ناه			
		TOT #	.0	.0	•0	•0	•0	•0	.0	•0	•0	.0	.0			
		PCP	.0	.0	.0	.0	.0	.0	•0	•0	.0	.0	.0			
	5<10	NO PCP	•0	1.1	3.3	6.5	2.2	• 0	.0	•0	.0	.0	13.0			
		TOT #	.0	1.1	3.3	4.5	2.2	•0	.0	•0	•0	•0	13.0			
		PCP	.0	.0	.0	.0	.0	.0	.0	•0	.0	•0	.0			
	10+	NO PCP	.0	4.3	13.0	29.3	14.7	15.6	7.6	•0	•0	•0	84.			
		TOT %	•0	4.3	13.0	29.3	14.7	15.6	7.6	•0	.0	•0	84,8			
		TOT OBS												46		
		TOT PCT	. 0	5.4	18.5	35.9	16.6	15.0	7.6	•0	•0	•0	100.0			

TABLE 9

						OF WI!					ED		
VSEY	SPB KTS	N	ME	Ę	SE	S	SW	w	NW	VAR	CALH	PCT	TOTAL DBS
	Ų~3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	•0	.0	.0	.0	.0	•0	.0	.0		.0	
	11-21	.0	.0	۰.	.0	.0	.0	•0	.0	۰.		.0	
	22+	.0	.0		•0	•0	.0	•0	.0	.0		.0	
	TOT %	.0	•0	.0	.0	•0	.0	•0	.0	.0	.0	•0	
	0-3	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	•0	.0	.0	.0	.0	.0	•0	.0	.0		.0	
	11-21	.0	•0	.5	.0	.0	٠.	.0	.0	.0		.5	
	22+	.0	•0	۰0	•0	.0	.0	.0	.0	.0		•0	
	TOT \$	.0	•0	.5	.0	•0	•0	.0	.0	.0	•0	,5	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	•0	.0	.0	.0	.0	•0	•0	.0		.0	
	121	•0	.0	.0	•0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	.0	•0	.0	٠٥.	.0	.0	.0		٠0	
	TOT \$	.0	.0	.0	•0	•0	•0	.0	.0	.0	•0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	•7	.0	.0	.0	•0	.0	. 9	. 2	.0		1.8	
	11-21	.0	.0	.0	.5	.0	.0	•0	.5	.0		.,	
	22+	.0	.0	.0	.0	•0	.0	.5	.0	.0		.5	
	TOT \$	.7	.0	•0	.5	•0	.0	1.4	.7	•0	.0	3.2	
	0-3	.0	.0	. •	.7	•2	.0	.0	.0	.0	.5	2.3	
5<10	4-10	.0	.2	1.1	2.0	1.4	.2	•0	.0	.0		5.0	
	11-21	•0	.0	.5	1.4	.0	.5	•0	.0	•0		2.3	
	77+	.0	.0	.0	•0	.0	.0	•0	.0	.0		.0	
	TOT %	.0	.2	2.5	4.1	1.6	.7	.0	.0	•0	.5	٠,5	
	0-3	.0	.5	.5	3.8	5.9	2.5	2.7	.5	.0	5.0	21.3	
10+	4-10	• •	3.2	7.5	26.7	12.7	2.9	1.0	. 7	.0		58.4	
	11-21	.5	.0	. 7	2.3	.3	1.7	1.4	.0	.0		7.2	
	22+	.0	.0	0		0	0	.0	.0	.0	_	0	
	TOT \$	1.4	3.6	:0.9	32.8	18.9	7.4	5.7	1.4	•0	5.0	16,9	
	TOT OBS	2.0	3.8	13.6	37.3	20.5	8.0	7.0	2.0	.0	5.4	100.0	221

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NOVEMBER
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PERIJD:	(PRIMARY)	1915-1966
	INVES-ALL I	1858-1046

THE STATE OF THE PROPERTY OF THE STATE OF THE PROPERTY OF THE

TABLE 10

ARLA 0011 SOUTH CENTRAL JAVA 7.85 110.16

PERCENT	FREQUENCY OF		>4/81	AND
	OFFIRE	 4 4 4 4 4 4		

HOUR (GHT)	000 149	190 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	\$000+	TOTAL	NH <5/8 ANY HGT	TOTAL
20300	.0	.0	.0	14.3	.0	.0	14.3	•0	.0	•0	28.6	71.4	7
00300	.0	.0	.0	•0	•0	.0	.0	.0	.0	•0	.0	100.0	8
12615	.0	.0	7.7	.0	.0	23.1	7.7	.0	.0	.0	38.5	61.5	13
18621	.0	.0	.0	14.3	•0	14.3	.0	.0	•0	•0	28.6	71.4	7
TOT	0	0	, 1	. 2	0	11.4	. 2	0	0	0	25.7	26 74.3	35

TARLE 11

TABLE 12

		PERCENT	FREQUEN	CY V\$81	(NR)	BY HOUR		CUMULAT					ALCH YESS	
HOUR (GMT)	<b>&lt;</b> 1/2	1/2<1	1<2	245	5<10	10+	TOTAL COS	MOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL UBS
E0300	.9	.0	.0	.0	15.2	84.8	33	00603	.0	.0	16.7	16.7	66.7	6
90360	.0		.0	1.5	10.6	87.9	66	06609	.0	.0	.0	•0	100.0	8
12615	.0	2.0	.0	2.0	9.8	86.3	51	12615	.0	18.2	18.2	27.3	54.5	11
18621	•0	.0	.0	6.8	5.5	87,7	73	18621	•0	.0	14.3	14.3	71.4	7
TOT	9	1	0	7	21	194	223 100-0	TOT PCT	0	4.3	12.5	15.6	23 71.9	32

TARLE 13

TABLE 14 T EREQUENCY DE WIND DIRECTION AN 

PERCENT PREQUENCY OF RELATIVE MUMIDITY BY TEMP										TOTAL PET		PERCENT FREQUENCY OF WIND DIRECTION BY TEMP								
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FREQ	N	٧E	E	SE	\$	SW	W	44	VAR	CALM
85/89	.0	.0	.0	.0	2.9	2.9	.0	.0	2	5.9	.0	.0	2.9	2.9	.0	.0	.0	.0	.0	.0
80/84	.0	. ,	.0	.0	11.0	41.2	29.4	2.9	29	M5.3	.0	.0	10.3	33.4	9.6	21.3	10.3	٠.	.0	.0
80/84 75/79	.0	.0	.0	.0	.0	.0	2.9	2.9	2	5.9	.0	.0	2.9	2.9	.0	.0	.0	.0	.0	.0
70/74	.0	.0	.0	.0	.0	.0	.0	2.9	1	2.9	•0	.0	•0	2.9	.0	.0	.0	.0	.0	.0
TOTAL	0	0	0	0	5	19	11	3	34	100.0							• -			
PCT	.0	.0	.0	•0	14.7	44.1	32.4	8.0			•0	.0	16.2	42.6	9.6	21.3	10.3	.0	-0	.0

TABLE 15

	MEANS,	EXTREM	ES AND	PERCE	NTILES	0# TE	IP (DE	G F) (	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	UHIDITY	BY HOUR	ı
HOUR (GMT)	MAX	99%	<b>95</b> %	50%	51	1 %	MIN	HEAN	TOTAL OBS	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	# £AN	TOTAL
20203		85	#3 #6	81 83	78 79	76 76	76 76	80.9	56 112	£0300	•0	•0	14.3	14.3	57.1 11.1	14.3	80 72	7
12615	86	85	84	81	76	73	73	80.9	83	12615	.0	•0	•0	57.1	28.6	14.7	61	14
18621	43 67	86	#2 #5	80 81	78 78	75 75	73 73	80.0 81.1	131 382	10621 TOT	•0	•8	•0	50.0	12	.0	78 78	36

NOVEMBER

PERIOD: (PRIMARY) 1915-1966 (OVER-ALL, 1858-1966

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TABLE 17

AREA 0011 SOUTH CENTRAL JAVA 7.85 110.1E

ETHERAL STATES OF ANY OF STATES OF S

PCT FRPG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73 76	77 80	81	85 8A	TOT	W FDG	#D FDG
5	.0	.0	4.9	.0	2	.0	4,9
j		.0	4.9	ō	2		4.9
•					•		
2	.0	4.9	7.3	2.4	6	.0	14.6
ì	.0	.0	2.4	.0	1	.ò	2.4
•							
0	.0	4.9	19.5	.0	10	.0	24.4
-1	.0	4.9	14.6	.0	8	.0	19.5
-1 -2 -4	.0	2.4	12.2	.0	6	.0	14.5
•							
-4	.0	4.9	2.4	•0	3	.0	7.3
-6	2.4	.0	.0	.0	1	.0	2.4
-7/-8	2.4	.0	.0	.0	1	. 0	2.4
-9/-10	2.4	•0	.0	•0	1	.0	2.4
TOTAL	3		28			0	41
	-	9		1	41		
PCT	7.3	22.0	44.3	2.4	100.0		100.0

PERIOD: (OVER-ALL) 1963-1906

TABLE 18

PTT FRED OF AIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT) 22-33 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 HGT <1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 26-32 41-48 49-40 61-70 71-86 +7-70 +7-70 PCT 11-21 22-33 HGT <1 1-2 3-4 5-0 7 8-9 10-11 12 13-16 17-19 20-25 20-25 20-30 41-68 49-60 61-70 71-86 87-CT 4-10 

4.00.000	45.45			•••				1	NOVEMBER				4854	0011	SOUTH C	ENTRAL JAVA
>ER100+	(UVE)	(-ALL)	1703-1	706				TABLE	18 (CONT)				MNEM		.85 110	
				Pc	T FREG D	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT	,		
_				S								SW		44.		
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10 5.9	11-21	22-33	34-47	48+	PCT 5.9	
<1	•0	5.9	•0	.0	.0	.0	5.9		.0	.0	11.8	•0	•0	:0	11.8	
1-2 3-4	.0	3.7	4.4		.0		4.4		ň	ŏ	1.5		.0	.0	1.5	
5-6	ĕ		.0	.ŏ	.0	.ŏ	.0		Ö	.0		.0		.ŏ		
77		.0	.0	.0	.0	.0			ŏ	.0			.0	.o	.0	
8-9	.0	.ŏ	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	•0	.0	.0	.0	.0		.0	•0	.0	•0	•0	.0	.0	
12	•0	.0	•0	.0	•0	•0	•0		•0	• 0	.0	•0	٥٠	.0	•0	
13-16	.0	.0	•0	•0	•0	.0	•0		•0	•0	.0	•0	•0	.0	•0	
17-19	.0	.0	•0	.0	.0	.0	•0		•0	•0	•0	.0	•0	•0	•0	
20-22	•0	•0	•0	•0	.0	•0	•0		•0	.0	.0	•0	•0	.0	•0	
23-25	•0	.0	•0	.0	•0	•0	•0		.0	:0	•0	•0	•0	.0	•0	
26-32	•0	.0	•0	.0	.0	.0	•0		.0	•0	.0	.0	.0	ŏ		
33-40 41-48	.0	:0	.0	:0	.0	.0	.0		ŏ	.0		.0	.0	.ŏ		
49-60	.0	.0	.0	:0	•0	:0	·ŏ		.0				•0		.0	
41-70		.0	.0				.0		.0	.0	.ŏ		.0	.ŏ	•0	
71-86			•0		.0		.0		.0	.0	.0	.0	.0	.ŏ		
87+	.0	.0	.0	.0	.0	.0	.0		ō	.0	.0	•0	.0	.0		
TOT PCT	.0	5.9	4.4	•0	.0	.0	10.3		•0	5.9	13.2	•0	•0	.0	19.1	
				w								NW				TOTAL
HGT	1-3	4-10	11-21	22-93	34-47	48+	PĈT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	.0	.0	•0	.0	.0	•0	• 0		•0	.0	.0	•0	•0	.0	•0	
1-2	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	•0	
3-4	.0	.0	5.9	.0	.0	.0	5.9	•	•0	•0	.0	•0	•0	.0		
5-6	.0	.0	•0	.0	.0	•0	•0		•0	•0	•0	•0	•0	.0		
7	•0	.0	•0	.0	•0	•0	•0		•0	•0	•0	•0	•0	.0		
1-9	•0	.0	•0	•0	•0	•0	•0		•0	•0	•0	-0	•0	.0		
10-11	•0	•0	•0	.0	•0	•0	•0		.0	.0	.0	.0	•0	.0		
12 13-16	.0	.0	•0	.0	.0	.0	.0		.0	ŏ	.0	•		.0		
17-19			.0	ŏ	.0				ŏ		ě		.0	.ŏ		
20-22	.0	ě	ě						ŏ	ŏ	.0	.0	ŏ	.ŏ		
23-25			•0		.0	.0			.0	.0	.0	•0	.0	.0		
26-32	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0		
33-40	.0	.0	•0	.0	.0	.0	•0	)	.0	.0	.0	.0	•0	.0	• • •	
41-46	.0	.0	.0	.0	.0	.0	•0		.0	•0	.0	.0	•0	.0		
49-60	.0	.0	•0	.0	.0	.0	•0		•0	•0	•0	•0	•0	.0		
61-70	•0	.0	•0	.0	•0	•0	•0		•0	•0	•0	•0	•0	.0		
71-86	•0	.0	•0	.0	•0	•0	• 0		•0	•0	•0	•0	•0	.0		
87+	•0	.0	.0	.0	.0	• • •			•0	•0	.0	•0	•0	.0		100.0
TOT PCT	.0	.0	5.9	.0	.0	.0	5,9	•	•0	•0	.0	•0	•0	.0	•0	100.0

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	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<b>&lt;</b> 1	.0	5.9	.0	.0	.0	.0	5.9	083
1-2	.0	41.2	17.0	Ö	.0	.0	58.8	
3-4	.0	11.6	23.5	.0		.0	35.3	
5-6	.ŏ	.0	.0	.0	.0	.0	.0	
7		ŏ	č	.0				
8-9	.ŏ			ŏ		.ŏ	ŏ	
10-11		.0				.0	.ŏ	
	•0		•0	•0				
12	•0	•0	.0	•0		.0	•0	
13-16	•0	.0	.0	•0		.0	.0	
17-19	•0	•0	•C	.0		.0	•0	
20-22	.0	•0	•0	.0	.0	.0	.0	
23-25	.0	•c	.0	.0	.0	.0	.0	
26-32	.0	.0	.0		.0	.0	.0	
33-40	.0	.0	.0			.0	, Ö	
41-48	.0	•0	.0				.ŏ	
49-60	.0	.0	.0				ě	
61-70	.0		.0				.0	
71-86		.0	.0				.ŏ	
	•0							
87+	•0	•0	•0	•0	•0	•0	.0	
TOT 86T	.0	40.4	41.2	.0	.0	.0	100.0	17

PERIOD: (OVER-ALL) 1953-1966 TABLE 19 10-11 .0 .0 .0 .0 .0 .0 .0 MEAN HGT 3 4 6 6 7 PERIOD (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 3-4 5-6

11.1 11.1

7.4 11.1

0 7.4

0 3.7

0 0

0 14.8

5 13

18.5 48.1 7.4 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0.00.00.00 ...... 3.7 .0 .0 .0 .0 .0 7 .0 .0 11.1 7.4 3.7 .0 .0 6 22.2 2 000000000 ....... ........ 000000000 000000000 ....... 0000000000 000000000 0000000000 000000000

PERIOD: (PRIMARY) 1913-1967 (OVER-ALL) 1854-1967

TABLE 1

AREA 0011 SOUTH CENTRAL JAVA 7.68 109.5E

PERCEN" FREQUENCY	OF WEATHER	DCCURRENCE SY	' WIND DIRECTION

			P	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHENO	MENA	
HND DIR	RAIN	RAIN SHWR	OR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
NEESS WAR VALM	.0 46.7 15.8 .0 .0	26.7	.0 .0 .0 .0 22.2 .0 .0		• • • • • • • • • • • • • • • • • • • •	•••••		.0 73.3 15.8 22.2 .0 .0	.0	.0 46.7 8.8 .0 .0	.0	.0 .0 .0 .0	•0••0	.0 .0 .0 .0 .0	.0 .0 26.7 77.2 77.8 100.0 100.0 100.0 50.0
TOT PCT	13.2	2.6	2.6	.0	•0	.0	•0	18.4	•0	7.9	•0	•0	•0	•0	78.9

TARLE 2

## PERCENT FREQUENCY OF WEATHER OCCURRENCE SY HOUR

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	HENA	
HOUR (GHT)	RAIN	RAIN SHUR	PRZL	FRZG PCPN	SNOW	OTHER PRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST Hour	THDR LTNG	FOG HB PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
00603 06609 12615 18621	11.1 8.3 22.2 25.0	11.1 .0 .0 8.3	.0 8.3 .0	.0	.0	.0	.0	22.2 16.7 22.2 33.3	.0 .0 .0	.0 .0 22.2 16.7	.0 .0	.0	.0 .0	•0 •0 •0	77.8 83.3 66.7 58.3
TOT PCT	16.7	4.8	2.4	.0	•0	.0	•0	23.8	•0	9.5	•0	.0	2.4	•0	71.4

TABLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WHD DIR	0-3			22+3'1		48+	TOTAL DBS	PCT FREQ	MEAN SPD	00	03	06	HDUR 09	(GHT) 12	15	18	21
NESS WAR	.5 .9 4.0 3.1 2.6 2.6 3.7 2.0	2.4 .2 4.1 11.7 8.3 9.0 14.5 7.3	.0 .0 .7 1.4	.0	000000000	••••••		2.8 1.2 8.1 15.4 12.3 16.3 27.7	6.5 3.4 4.9 6.0 6.1 7.8 8.8	5.0 3.3 10.0 8.3 8.3 15.8 26.7 15.8	50.0 16.7 .0 16.7 16.7	3.3 18.3 11.7 20.0 30.0	3.6 14.3 17.9 30.4 26.8	4.3 1.1 8.0 17.6 16.0 17.0 23.4	50.0 .0	6.1 .0 8.5 20.7 12.2 8.5 30.5 11.0	3.2 11.3 9.7 6.5 12.1 29.8 21.0
CALM TOT CBS TOT PCT	5.7 53 25.0	123 58.0	35 14.5	.5	.0	.0	212	5.7 100.0	6.7	6.7 30 100.0	100.0	10.0 30 100.0	3.6 28 100.0	47 100.0	100.0	2.4 41 100.0	31 100.0

TABLE 3A

WND C'R	0-6	WIND 7-16	SPEED 17-27	(KNGTS) 28-40	41+	TOTAL Des	PCT FRED	MEAN SPD	00	HBUI 04 09	(GMT) 12 15	18 21
N	1.4	1.4	.0	.0	.0		2.8	6.5	4.5	.0	4.1	3.5
NE	.,	.2	•0	.0	٠.		1,2	3.4	3.0	.0	1.0	1.4
E	5.0	3.2	•0	.0	.0		0.1	4.9	13.6	3.4	7.7	9.7
ŠE	9.9	5.5	.0	.0	.0		15.4	6.0	9.1	10.4	17.9	10.0
5	6.3	4.0	.0	ŏ	.0		12.3	6.1	7.6	14.7	16.3	9.7
Św	6.7	6.1	1.4	ŏ			16,3	7.8	14.4	25.0	16.3	10.1
H	14.0	9.4	4.2	.0	.0		27.7	8.8	25.8	28.4	24.5	30.2
NW	6.5	3.1	.9	.0	.0		10.5	6.8	15.9	5.2	•.1	15.3
VAR	.0	.0	.0	•0	.0		,0	.0	.0	.0	.0	•0
CALM	5.7						5.7	.0	0.1	6.9	6.1	4.2
TOT OSS	128	70	14	0	0	212	- • •	6:7	33	58	49	72
TOT PCT	40.4	33.0	6.6	۵Ō	.0		100.0			100.0		

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PERIOD: (PRIMARY) 1913-1967 (OVER-ALL) 1854-1967

TABLE 4

AREA 0011 SOUTH CENTRAL JAVA 7.65 109.5E

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PERCENTAGE F	REQUENCY	Q#	MIND	SPEED	87	HOUR	(GHT)
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				WIND	SPEED (	KNOTS)			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FREQ	085
00603 06609 12615 18621 TOT PCT	6.1 6.9 6.1 4.2 12 5.7	18.2 20.7 12.2 23.6 41 19.3	57.6 48.3 65.3 61.1 123 58.0	18.2 22.4 16.3 11.1 35 16.5	1.7 .0 .0	•••	• • • • • • • • • • • • • • • • • • • •	7.3 7.3	100.0 100.0 100.0 100.0	33 58 49 72 212

TABLE 5

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												T	FRF 0					
		•	Y WIN	D DIREC	AMBUNT	(EIGHTHS) MEAN			PERCEI	AND D	CURRE	NCY OF	CEILIN NH <5/	G HEIC	HTS (	FT,NH :	)4/8) JN	
WND DIR	0-2	3-4	5-7	8 & 08500	CAS	CLOUD	000 149	150 294	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	4500 7999	<b>8000</b> +	NH C5/8 ANY HGT	TOTAL DBS
N NE E SE S N W NH VAR CALM TOT OBS	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0	5.3 .0 .0 5.3 .0 .0 .0	.00 5.3 21.1 .00 .00 5.3 5.3 .00 5.3 42.1	3.9 6.6 5.3 1.3 13.2 1.3	19 100.0	.0 5.8 6.4 8.0 4.3 5.6 7.5	•0 •0 •0 •0 •0 •0 •0	•0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •	3.9 1.3 5.3 0.0 0.0 0.0 2	.0 .0 5.3 .0 1.3 7.9 1.3 .0 5.3	10.5	.0 5.3 5.3 .0 .0 .0	••••••••••	•••••••••	000000000000000000000000000000000000000	000000000000000000000000000000000000000	.0 5.3 15.8 .0 5.6 9.2 5.3 .0	19

TABLE 7

CUMULATIVE PCT FREQ DF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

CEILING (FEET)	• OR >10	• DR >5	• OR >2	VSBY (NH = DR >1	0R = 0R >1/2	• nq >1/4	= SR >50YD	* DR >0
• UR >6500 • OR >5500 • OR >3500 • OR >3500 • OR >2000 • OR >1000 • OR >300 • OR >300 • OR >0 • OR >0	.0 .0 10.0 15.0 25.0 30.0 30.0	.0 .0 .0 10.0 15.0 35.0 45.0 45.0	10.0 20.0 40.0 50.0 50.0	10.0 20.0 40.0 50.0 50.0	.0 .0 10.0 20.0 40.0 50.0 50.0	00 00 100 200 400 500 500	.0 .0 .0 10.0 20.0 40.0 50.0 50.0	0 0 10.0 20.0 40.0 50.0 50.0

TUTAL NUMBER OF DBS1 20

PCT FREQ NH <5/81 50.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD DBS -0 18-2 18-2 4-5 9-1 13-6 18-2 4-5 13-6 a0 22

							DPC	EMRER							
(PRIMARY) 19 (OVER-ALL) 1							TA	SLF S				ARE	A 0011	SOUTH CENTRAL 7.65 109.58	AVAL
		*	RCENT					AZ BECI					€ OF		
VSBY (NM)		N	NE	E	SE	s	SW	4	HW	VAR	CALH	PCT	TOTAL		
<1/2	PCP ND PCP TDT %	.0	.0	.0	.0 .0	•0	•0	•0	•0	.0	•0 •0	.0 .0			
1/2<1	PCP NO PCP TOT %	.0	.0	•0	•0	•0	•0	.0	.0	.0	•0	.0			
1<2	PCP NO PCP TOT %	.0	.0	•0	•0	•0	•0	.0	•0	.0	•0	.0			
2<5	PCP NO PCP TOT %	.0	.0	.0	•0	•0	•0 •0	3.9 3.9	.0 1.3 1.3	.0	•0	5.3 5.3			
5<10	PCP ND PCF TDT %	.0	.0	2.6 0.0	5.3 18.4 23.7	2.6 7.9 10.5	•? •7 •7	6.6	.0 .7 .7	•0	•0	10.5 34.2 44.7			
10+	PCP NC PCP TOT %	.0	•0	4.6 2.6 7.2	.7 13.2 13.8	.0 1.3 1.3	.0 5.9 5.9	13.8 13.6	2.6	•0	2.6 2.6 5.3	7.9 42.1 50.0			

TOT DBS

			•					ECTION S OF VI			ED		
VSRY (NY)	SPD KTS	N	NE	£	SE	\$	Sri	×	NW	VAR	CALM	PCT	TOTAL 285
	0-3	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	• • •	.0	•0	.0	.0	.0	•0	٠,0	•0		.0	
	22+	.0	•0	.0	.0	.0	.0	.0	• 0	• 0		•0	
	TOT \$	.0	•0	•0	•0	•0	.0	.0	•0	•c	.0	.0	
	0-3	.0	.0	.0	.0	•C	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	•0	.0	.0	•0	.0	.0	.0	.0		.0	
	11-21	.0	٠0	•0	.0	.0	.0	•0	.0	.0		,0	
	22+	•0	•0	.0	.0	•0	٠,0	•0	•0	.0		•0	
	TOT %	.0	.0	•0	.0	•0	٠.	.0	.0	.0	.0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	
1<2	4-10	•0	•0	•0	•0	•0	.5	.5	• •	.0		1.1	
	11-21	.0	•0	.0	•0	.0	.0	.0	•0	•0		.0	
	22+	•0	•0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	•0	•0	•0	.0	•0	.5	.5	.0	•0	•0	1,1	
	0-3	.0	.0	2.7	1.1	.5	.0	.0	•0	.0	.0	4.3	
2<5	4-10	.0	• 0	.5	.5	.0	1.1	1.6	1.6	.0		5,3	
	11-21	.0	•0	•0	•0	•0	.5	.5	•0	•0		1.1	
	22+	.0	•0	.0	.0	•0	.0	.0	0	•0	_	0	
	70T %	•0	•0	3.2	1.6	.5	1.6	2.1	1.6	.0	•0	10.6	
	0-3	.0	.0	.0	1.1	.0	.0	. 8	. 3	.0	•0	2.1	
5<10	4-10	•0	•0	1.1	7.4	2.1	1.9	2.9	. 5	•0		16.0	
	11-21	•0	•0	.0	1.1	2.1	•0	.0	•0	• 0		3,2	
	22+	•0	•0		.0	.0	0	-•¢	•0	•0	_	0	
	TOT %	.0	•0	1.1	9.0	4.3	1.9	3.7	. 8	•0	.0	21,3	
	0~3	٠0	•0	1.1	2.1	3.2	2.1	2.1	2.1	.0	4.5	17.0	
10+	4-10	.5	.0	4.5	12.0	7.4	7.4	8.0	2.7	•0		42.0	
	11-51	.0	•0	.0	•0	•0	3.5	4.0	-0	.0		7.4	
	22+	.0	•0	0	0		0		.0	•0		•0	
	TOT %	.5	••	5.6	14.1	10.0	13.0	14.1	1.8	•0	4.3	67.0	
	TOT DAS	.5	•0	9.8	25.3	15.4	17.0	20.0	7.2	.0	4.9	160.0	94
	/	• • •	••	7.0	-7.7	.717			102		4.5	10010	

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PERIOD: (PRIMARY) 1913-1967 (OVER-ALL) 1854-1967

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TABLE 10

AREA 0011 SOUTH CENTRAL JAVA 7.65 109.5E

PERCENT FREQUENCY OF CRICING HEIGHTS (FEET,NH >4/8) AND DCCURRENCE OF NM <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7 <b>9</b> 99	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
60300	.0	.0	.0	42.9	.0	14.3	•0	•0	.0	•0	57.1	42.9	7
90360	.0	.0	20.0	•0	20.0	•0	•0	•0	.0	•0	40.0	60+0	5
12615	.0	.0	25.0	25.0	.0	25.0	.0	.0	.0	•0	75.0	25.0	4
18621	.0	.0	•0	•0	20.0	•0	.0	•0	.0	•0	20.0	80.0	5
TOT	0	0	2	6	2	2	0	0	0	0	10	11	21

TABLE 11

TABLE 12

		PERCENT	FREQUE	NCY VSBY	(NM)	BY HOUR		CUMULAT					VSBY (NM) )/BY HOUR	
HOUR (GMT)	€1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00803	.0	.0	5.9	17.6	23.5	52.9	17	00803	•0	.0	42.9	14.3	42.9	7
90360	•0	.0	•0	4.0	28.0	68.0	25	90360	•0	25.0	25.0	25.0	50.0	4
12615	.0	.0	•0	8.7	26.1	65.2	23	12815	•0	25.0	50.0	25.0	25.0	4
18821	.0	.0	3.0	12.1	15.2	69.7	33	18621	•0	•0	20.0	•0	80.0	5
TOT PCT	.0	.0	5.0	10	22,4	65.3	98 100.0	TOT PCT	.0	10.0	35.0	15.0	50.0	20 100.0

TARLE 13

TABLE 14

ANGREGIARES ANGRES ANGR

	PERCE	ENT FR	EQUENCY	OF R	ELATIVE	E HUMI	DITY BY	r TEMP	TOTAL	PCT		PERC	ENT FR	EQUENC	7 QF W	IND DI	RECTIO	4 BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FREQ	N	NE	E	SE	5	SW	4	NW	VAR	CALM
85/89 80/84 75/79 TOTAL PCT	•0	•0	•0	•0 •0 0	15.0	20.0 5.0	25.0 15.0	10.0	12	10.0 60.0 30.0 100.0	•0	.0	13.8 .0	16.3 5.0	.0 5.0 5.0	1.3	5.0 13.8 12.5	5.0 1.3	•0	5.0 5.0

TARLE 15

	HEANS,	EXTREM	FS AND	PERCEN	ITILES	OF TE	IP (DE	G F) 8	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	ATIVE H	UMIDITY	84 HDD1	t
HOUR (GHT)	MAX	992	95%	50%	54	14	MIN	MEAN	TOTAL DBS	HOUR (GHT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
£0300	54 88	83 87	83 87	80 82	76 77	76 75	76 75	80.1 82.4	34 55	€0300 90300	•0	•0	28.6 40.0	14.3	42.9	14.3	79 72	7 5
12615	84	83 83	83 82	81 80	77 77	75 74	75 74	79.8	49 76	12615	•0	••	•0	20.0	60.0	20.0	81 85	•
TOT	**	87	84	81	77	75	74	80.7	214	TOT	U	0	•	•	10	2	79	22

DECEMBER

PERIOD: (PRIMARY) 1913-1967 (OVER-ALL) 1854-1967

TABLE 17

AREA 0011 SOUTH CENTRAL JAVA 7.05 109.5E

,这是一个人,我们是一个人,我们也是一个人,我们也是一个人,我们是一个人,我们也是一个人,我们也是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就

PCT FRPQ OF AIR TEMPERATURE (DEG F) AND THE DCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

IR-SEA	77 80	81 84	85 88	TOT	W FJG	WO FDG
9/10	.0	•0	2.7	1	.0	2.7
4	.0	•0	2.7	ī	.0	2.7
3	.0	•0	5.4	ž	.0	5.4
3 1 0	.ŏ	2.7	.0	7	.0	
ā	:0	21.6		1 9		2.7
Ÿ			2.7	y	.0	24.3
-1	.0		٠٥.	4	.0	10.8
-2	.0	16.2	.0	6	.0	16.2
-2 -3 -4	18.9	2.7	.0	Ī	.0	21.6
-4	2.7	2.7	.5		ŏ	5.4
-5	5.4			2 2 1		
		•0	.0	4	.0	5.4
-7/-8	2.7	•0	.0	1	.0	2.7
TOTAL	12		4		C	37
		21		37	•	21
PCT	32.4	56.8	10.8	100.0		100.0

PERIOD: (OVER-ALL) 1963-1967

				20	T FREQ	OF WIND	SPEED	(KTS) AND	DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT)	•	
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT					NE			
<1			•0	.0	•0	-0	•0		1-3	4-10	11-21	22-33	34-47	48+	PCT
1-2	.0		•0	.0	•0	.0	•0		•0	•0	•0	•0	•0	.0	•0
3-4	.0	.ŏ	•0	.0	.0	.0	•0		•0	•0	•0	.0	•0	.0	.0
5-6	.0	.ŏ	•0	.0	.0	:0	.0		.0	•0	.0	•0	•0	.0	•0
7	.0	.0	•0	.0	.ŏ		.0		.0	•0	.0	.0	•0	.0	•0
8-9	.0	.0	•0		.ŏ	:0	.0		.0	.0	.0	.0	•0	.0	•0
10-11	.0	.0	•0		.0	.ŏ			ő	.0	•0	•0	•0	.0	•0
12	.0	.0	•0	.6	.0				ŏ	.0	•0	.0	•0	.0	•0
13-16	.0	.0	.0	.0	.0				.0	.ŏ	.0	•0	•0	.0	•0
17-19	.0	.0	•0	.0	•0	.0	.0		ō	.0	.0	•0	•0	.0	•0
20-22	.0	.0	ě	.0	.0		.0		ŏ	.0	.0	•0	•0	.0	•0
23-25	.0	.0	•0	.ò	.0	.0	.0		ŏ		:6	•0	•0	.0	•0
26-32	.0	.0	.0	.0	.0	.0	.0		ě	.0	:0	.0	.0	٠,	•0
33-40	.0	.0	• 0	.0	.0	.0	.0		.0		.0		.0	.0	•0
41-48	.0	.0	•0	.0	•0	.0	.0		ň	ě	.ŏ	.0	.0	.0	•0
49-60	.0	.0	•0	.0	.0	.0	• 0		.0	ŏ	.ŏ	.0	.0	٠.٥	•0
61-70	.0	.0	•0	•0	.0	.0	•0		ŏ	.0		.0	٥	.0	•0
71-86	.0	.0	.0	.0	•0	.0	• 0		.0	:0	.0	.0	.0		•0
87+	٠0	•0	•0	.0	•0	.0	•0		.0	ě	•0	.0	.0	.0	•0
TOT PCT	.0	.0	•0	.0	.0	.0	.0		.0	ŏ	.0	.0		.0	•0
									•	••	•••	••	,,		•0
HGT	1-3	4-10	11-21	£ 22-33	34-47	48+	PCT		1-3	4-10		38	<b>_</b>		
<ĭ.	.0	.0	•0	•0	•0	.0			.0	4010	11-21	22-33	34-47	48+	PCT
1-2	.0	6.7	.ő		.0	:6	6.7		.0	13.3	.0	•0	•0	.0	.0
3-4	.0	.0	•0	.0			•6		٠٥	.0	.0	•0	•0	•0	13
5-6	.0	.ŏ	.0		·ŏ	.0	ŏ		.0	.0	.0	•0	•0	.0	•0
7	.0	.0	.0	.0	.0		ě		ŏ	ĕ	.0	.0	•0	.0	• ?
1-9	.0	.0	•0	•0	.0				ŏ	.0	.0	•0	•0	•0	•0
10-11	.0	.0	•0	•0	.0	iò	.0		ŏ		.0	•0	•0	•0	•0
12	.0	.0	.0	•0	.0	.ŏ	•0		ŏ	٠٥	.0	•0	•0	.0	•0
13-16	.0	.0	.0	.0	.0	·ò	•0		ŏ	.0		•0	:0	•0	•0
17-19	.0	.0	•0	.0	.0	•0	•0		ŏ			.0	.0	.0	•0
20-22	.0	.0	•0	•0	.0	.0	•0		ě	.0	.0	.0	.0	٠0	•0
23-25	.0	.0	•0	•0	.0	•0	•0		.0	.0		:0	ě	.0	•0
26-32	.0	.0	40	•0	.0	.0	•0		.0		.0	.0	.0		
33-40	.0	.0	•0	•0	.0	.0	• 6		ŏ		.0	.0	.0	.0	•0
41-48	•0	.0	.0	•0	.0	.0	•0		ŏ		.0	.0	:0	:0	•0
49-60	.0	.0	.0	•0	•0		•0		ŏ		.0	.0	:0	:0	•0
61-70	.0	.0	•0	.0	.0	.0	•0		ě	.0		•0	:0	:0	•0
71-86	.0	.0	.0	•0	.0	•0	•0		ě	.0	.0	:0	٥٠	:0	•0
87+	.0	•0	•0	•0	.0	.0	.0		.0	ŏ	.0	:0	:0	.0	.0
TOT PCT	•0	6.7	•0	•0	.0	•0	6.7		,0	13,3	.0	:8	.0	.0	13.3

068100	. /Nus		1963-1					DEC	PHBER							
rentos			1703-1	707				TABLE 16	(CONT	,			AREA	0011	SDUTH (	ENTRAL JAVA
				PC	T FREC	OF WIND	SPEED	(KTS) AF	ID DIRE	CTION 1	VERSUS S	EA HEIG	HTS (FT)		•••	
				s												
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	•0	.0	. • 0	•0	.0	•0	.0		•0	.0	.0	.0	•0	.0	.0	
1-2 3-4	:0	•0	6.7	.0	.0	•0	6.7		•0	1.7	4.3	.0	.0	.0	10.0	
5-6	:0	.0	.0	•0	•0	•0	•0		•0	•0	.0	•0	•0	.0	.0	
7		.0	•0	.0	•0	.0	•0		•0	•0	•0	.0	•0	.0	.0	
8-9	.ŏ	.0	.0	.0	.0	.0	•0		•0	•0	•0	•0	•0	.0	•0	
10-11	.0		.0	.0	.0	:0	.0		•0	•0	.0	•0	•0	.0	•0	
12	.0	.ŏ	.0	.0	.0		.0		•0	:0	•0	•0	•0	•0	•0	
13-16	.0	.0	.0	.0	.0	.0	.0		.0		•0	•0	•0	•0	•0	
17-19	.0	.0	.0	.0	.0	.0	.0		,ö		.0	•0	•0	•0	•0	
20-22	.0	.0	.0	.0	.0	.0	.0		ě	.0	.0		•0	•0	•0	
23-25	.0	.0	•0	.0	.0	.0	.0		.0	.0		.0	•0	.0	•0	
26-32	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0		.0	:0	.0	
33-40	.0	.0	•0	.0	.0	.0	.0		.0	.0	.ŏ		.0	.0	.0	
41-48	•0	.0	• 0	•0	.0	.0	.0		•0	.0	.0	.0	.0			
49-60	•0	.0	•0	.0	.0	•0	•0		.0	.0	.0	.0	•0	.0		
61-70 71-86	•0	.0	•0	•0	.0	.0	•0		•0	•0	.0	•0	•0	.0	.0	
87+	.0	.0	•0	.0	•0	•0	•0		•0	•0	.0	•0	•0	.0	.0	
TOT PCT	.5	.0	6.7	•0	•0	•0	0		•0	.•0	.0	•0	•0	.0	.0	
101 761	••		0.7	•0	.0	•0	6.7		•0	1.7	8.3	•0	•0	•0	10.0	
				. ·												
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	NW 22-33	34-47			TOTAL
<1	5.0	.ŏ	•0	••	.0		5.0		1.7	-0	11-21	•0	•0	48+	PCT	PCT
1-2	.0	25.0	11.7	•0	.0	•0	36.7		.0	6.7	•0	•0	•0	•0	1.7	
3-4	.0	.0	•0	.0	.0	.0	.0		ŏ	.0	.ŏ	.0	.0	.0	•0	
5-6	.0	•0	•0	•0	.0	.0	.0		io	ŏ	.0			ĕ	:0	
,7,	•0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0	
8-9 10-11	•0	.0	•0	٠,	•0	•0	• 0		•0	.0	.0	•0	•0	.0		
12	.0	.0	•0	• 6	.0	•0	•0		•0	.0	.0	•0	•0	.0	•0	
13-16	.0	.0	•0	.0	.0	.0	•0		•0	•0	.0	.0	•0	.0	.0	
17-19	:0	.0	0.0	•0	• ?	٠0	•0		•0	•0	•0	•0	•0	.0	•0	
20-22		.ŏ	.0	.0	•0	•0	.0		•0	•0	.0	•0	•D	.0	•0	
23-25	.č	.0	•0	.0	.0	:0	•0		•0	•0	.0	•0	•0	.0	•0	
26-32	.ŏ	.0		ě	ó	.0	.0		.0 .0	•0	•0	.0	•0	.0	•0	
33-40	.0	.0	.6		.0	.0	.0		.0	.0	•0	•0	•0	•0	•0	
41-48	.0	.0	•0	.0	.0		.0		ő	.0	•0	•0	•0	•0	•0	
49-60	.0	•0	•0	.0	'n		.0		ŏ	ě	.0	•0	•0	•0	•0	
61-70	.0	.0	.0	.0	.0	.0	ŏ		ŏ	ŏ	.0	:0	•0	.0	•0	
71-86	•0	.0	.0	.0	.0	.0	.0		ŏ	.0		.0	•0	.0	.0	
87+	.0	.0	0	.0	.0	.0	.0		.0	.0			•0	.ŏ		
TOT PCT	5.0	25.0	11.7	•0	.0	•0	41.7		1.7	6.7	.0	.0	•0	.0	8.3	86.7

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
нет	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	29.4	.0	.0	.0	.0	.0	27.4	085
1-2	.0	47.1	23.5	.0	.0	:ŏ	70.6	
3-4	.0	.0				.0	,0.0	
5-6	.0	.0		ŏ		.0	:0	
7,				ě	.ŏ			
8-4	.0					.0	.0	
		•0	.ç	.0	.0	.0	.0	
10-11	.0	•0	.0	.0	.0	.0	.0	
12	.0	•0	.0	•0	.0	.0	•0	
13-16	.0	•0	•0	.0	.0	.0	.0	
17-19	•0	•0	.0	.0	.0	.0	, Ö	
20-22	.0	.0	.0	.0	.0	.0	ŏ	
73-25	.0	.0	.0	.0	.0			
26-32	·ŏ			ő	.0		.0	
33-40	.ŏ		::	.0				
41-48	.0				.0	•0	•0	
		•0	.0	.0	.0	.0	.0	
49-60	.0	•0	•0	.0	.0	.0	•0	
61-70	•0	•0	•0	.0	.0	.0	.0	
71-86	•0	•0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.ŏ	
		• •	•••	•••	• • •	••	••	17
TOT PCT	29.4	47.1	23.5	.0	.0	.0	100.0	17

PERIOD: (DVER-ALL) 1953-1967 PPRCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) #FRITO (SEC) <6 6-7 8-9 10-11 12-13 >13 INGET TOTAL #CT 1-2 14.3 .0 .0 .0 .0 ....... 0000000000 0000000000 000000000 ...... ........ •••••••• ....... 0000000000 000000000 ....... 000000000 ........ ........

and the second of the second s

TABLE 1

AREA 0011 SDUTH CENTRAL JAVA 7.85 110.05 AND THE PROPERTY OF THE PROPER

BERCENT	ESECHENCY	ME MEATHER	DCCURRENCE	RV	WIND	DIRECTION

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	HENA	
WND DIR	RAIN	RAIN CHUR	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR	FDG WD PCPN	FUG WD PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST BLWG SNUW	NO Sig Wea
N NE SE SW WW VAR CALM	13.3 6.6 6.5 1.2 1.8 5.8 10.6	.0 .3 3.8 1.8 .5 .7 .4 9.7	.0 .8 .1 1.9 2.8 .3	00000000000	•0	.0	0000000000	13.3 8.7 11.2 8.4 3.6 5.3 6.5 19.7	.0 2.4 1.7 .0 8.6 2.0 2.8	.0 8.3 9.6 7.2 6.3 7.9 6.3 8.3	.0 1.4 1.0 .0 .0	.00000000000000000000000000000000000000	.0 1.3 .0 .0 .9 .1 .0	.00000000000000000000000000000000000000	28.3 73.4 79.8 85.8 80.9 78.3 57.1 36.3 .0 46.1
TOT PCT TOT CBS:	5.8 653	1.9		.0	•0	.0	•0	8.5	2.2	6.5	.9	•0	.3	•0	83.6

TAPLE 2

# PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN Shur	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCPY	HAIL	PCPN AT OB TIME	PCPH PAST HOUR	THOR LTNG	FOG HO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	ND S1G WEA
00£03 06£09 12£15 18£21	3.1 2.8 9.5 8.1	3.6 2.3 .6 2.0	.9 .7 .2	.0 .0 .0	.0	.0	.0	7.6 5.7 10.3 11.0	2.6 1.8 .6 5.4	1.9 2.8 10.4 13.1	1.4	.0	.9 .0 .2 .7	•0 •0 •0	85.6 90.5 81.1 71.9
TOT PCT	6.1	2.2	.7	.0	•0	•0	•0	9.0	2.2	7.0	.9	•0	.5	•0	82.6

## TARLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			22-33		48+	TOTAL DBS	PCT FRFQ	4EAN SPD	oc	03	06	HDUR 09	(GMT) 12	15	18	21
N NE E SE	.6 .8 1.5 2.1	2.5 2.5 12.6 19.1	.2 .3 7.7 11.8	0. 0. 2.	•0	•0		2.7 3.6 22.2 33.4	6.6 6.1 8.2 8.6	4.3 7.2 27.5 25.9	6.9 33.7 30.3	2.0 3.4 25.2 31.9	.5 17.3 38.6	1.8 1.8 17.9 38.2	1.7 20.4	3.7 3.7 21.3 35.0	3.6 5.2 23.3 30.6
S Su u Nu	1.5 1.4 1.9	5.3 4.6 5.8 3.9	.0 1.4 3.1 1.1	.1	•	.0		7.7 7.6 11.4	6.7 8.6 7.9 6.8	4.6 4.7 10.8	3.5 6.7 11.2 7.6	6.7 7.5 12.2 5.0	12.7 14.1 11.2 2.6	10.1 10.4 11.5	8.5 5.8 13.9 5.6	7.3 4.5 11.8 7.1	5.1 5.3 11.2 9.3
VAR CALP TOT CBS TOT PCT	4.8	55.8	26.5	1.4	.0	.0	4863	100.0	0	5.1 745	.0 38 100.0	6.1 851	2.4 653	3.7 942	.0 .0 32	5.7 836	6.4 700

# TARLE 3A

NND DIR	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 03	MOUR 06 09	(GMT) 12 15	18 21
N	1.8	.9	•	.0	.0		2.7	6.6	4.1	1.5	2.0	3.7
NE	2.3	1.3		.0	.0		3.6	6.1	7.1	2.1	1.8	4.4
ŧ	6.6	13.7	1.8	i	.0		22.2	1.2	27.9	21.7	18.1	22.3
ŠE	1.1	21.4	3.1	i	.0		33.4	8.6	26.2	34.9	38.0	9.56
	4.0	2.7	.2	•			7.7	6.7	4.6	9.4	10.0	6.3
Św	3.9	3.2	.5	•			7.6	1.6	4.9	10.3	10.2	4.9
					- 1			7.9	10.7	11.8	11.5	11.5
W	4.7	4.9	1.6	•2			11.4					
NW	3.5	2.5	.5	•	.0		6.4	6.8	9.7	4.0	4.8	8.1
VAR	.0	.0	•0	•0	.0		.0	•0	.0	.0	.0	.0
CALM	4.8						4.8	.0	4.9	4.4	3.5	4.0
TOT OPS	~					4863		8.4	783	1504	974	1602
TUT PCT	41.3	50.5	7.7	•4	•		100.0	•••		100.0		

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<b>\</b> >		``

ANNUAL

PERIUD: (PRIMARY) 1913-1973 (OVER-ALL) 1854-1973

TARLE 4

AREA 0011 SOUTH CENTRAL JAVA 7.85 110.0E

nandra etamban 1885 eta 1960 eta 1960

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

				WIND	SPEED (	KNOTS)			PCT	TOTAL
HJUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FREQ	OBS
60200	4.9	12.8	54.7	26.4	1.2	.0	.0	1.2	100.0	783
90290	4.4	12.6	54.8	26.4	1.7	.0	.0	8.4	100.0	1504
12615	3.5	9.8	57.0	28.5	1.0	.2	.0	8.7	100.0	974
18621 TOT	6.0	10.1	50.5	25.6	1.4	.3	.0	8.3 8.4	100.0	1602
PCT	4.6	11.3	55.8	26.5	1.4	.1	.0		100.0	

TARLE 5

TABLE 6

•	CT FRE			CLOUD A		(EIGHTHS) MEAN		ļ					CEILIN					
WND DIR	0-2	3-4	5-7	# & nasco	TETAL CBS	COVER	000 149	150 299	300 599	999	1000 1 <b>99</b> 9	2000 3499	3500 4999	500n 6499	6500 7 <b>99</b> 9	8000+	NH <5/8 ANY HGT	
N	.0	.0	.0	.7		1.3	•2	.0	.3	.0	.2	•0	.0	•0	•0	.0	•0	
NE	.5	.0	1.2	.9		2.9	•0		.1	.0	.4	. 5	.0	•0	.0	.0	1.2	
E	9.5	7.6	5.5	2.6		3.9	•0	.0	, 3	.5	1.4	1.8	.5	.0	•0	.0	20.5	
ŠE	8.0	6.8	11.8	3.8		4.5	•0	• 0	. 4	1.6	1.0	2.4	1.3	•0	.0	.0	23.7	
\$	. 5	2.0	3.6	.8		3.5	•0	•0	. 4	• 0	.2	.5	.6	•0	.0	.0	5.6	
Š¥	1.2	3.4	3.8	.5		4.2	•0	•0	.0	.4	. 5	.5	.4	•0	.0	.0	7.2	
W	1.5	4.4	2.7	3.8		3.0	.6	•0	. 6	1.0	1.3	1.0	.1	.0	•0	.0	7.8	
ÑW	.3	1.5	2.4	2.1		2.4	.4	.0	.0	.6	.1	. 9	.0	•0	.0	.0	4.5	
VAR	.0	.0	.0	•0		.0	•0	•0	.0	.0	.0	•0	•0	•0	•0	.0	•0	
CALM	1.4	1.8	1.9	1.1		2.5	•0	.0	.0	. 4	. 5	.3	. 3	•0	.0	.0	4.6	
TOT USS	- • •			,	283	4.5		-	-	-	*-		-			_		283
TOT PCT	23.3	27.4	33.0	16.4	100.0		1.2	•:	2.1	4.6	5.7	7.9	3.2	•0	•0	.0	74.9	100.0

TARLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS DCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VS8V (NH)

				VSBY (NH	)			
CEILING	• DR	- DR	• OR	- PR	• DR	- OR	• OR	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
= DR >6500	.0	•0	.0	.0	.0	•0	•0	.0
· 15 >5000	.0	.0	.0	.0	.0	.0	.0	.0
<ul> <li>□R &gt;3500</li> </ul>	1.6	2.7	3.3	3.3	3.3	3.3	3.3	3.3
■ DR >2000	8.7	9.7	10.7	10.7	11.0	11.0	11.0	11.0
■ OR >1000	13.4	15.1	16.5	16.5	10.7	16.7	16.7	10.7
■ OR >600	16.6	19.5	20.9	20.9	21.1	21.1	21.1	21.1
■ DR >300	17.7	21.5	22.9	22.9	23.1	23.1	23.1	23.1
■ DR >150	17.7	21.5	22.9	22.9	23.5	23.5	23.5	23.5
• DR > 0	17.7	21.5	23.2	23.8	24.4	24.7	24.7	24.7

TOTAL NUMBER OF OBS:

PCT FREQ NH <5/81 75.

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 08SCD 08S 5.5 15.1 23.6 17.9 12.3 7.7 5.9 4.7 6.2 1.2 312

A.N	N	 L

								At	MUNT						
PERIOD:	(PRIMARY) 1 (OVER-ALL) 1	913-1973 854-1973						7/					ARE	A 0011	SOUTH CENTRAL JA 7.85 110.0E
			P	ERCEN'	T FREG	OF WIN	D DIRE	CTION TH VAR	VS Dec	URRENO ALUES	E OR A	IBILI:	CURRENG TY	E OF	
	(MM) A28A		٨	NE	E	SE	\$	SW	W	NW	VAR	CALM	PCT	TOTAL	
	€1/2	PCP ND PCP 707 %	.0	•0	•0	•0	•0	•0	.3	.0	0	•0	.3	OSS	
	1/2<1	PCP NO PCP TOT %	.0	.0	•? •0 •2	.0 .0	•0	•0	.0	.0	.0	•0	.4		
	1<2	PCP ND PCP TOT %	.0 .0	•0	• 2 • 0 • 2	•2 •0 •2	•0	•0	.3	.3	•0	•0			
	2<5	PCP NO PCP TOT %	.5	.3	•0	.3	•0 •1 •1	•1 •1 •2	.3	.1	.0	.3	.9 1.8 2.6		
	\$<10	PCP ND PCP TOT %	.1	:4	4.8 5.7	1.4 5.6 7.0	.3 1.5 1.8	.4 .3 .7	1.4	.? .6 .7	•0	•1 •3	3.8 15.0 18.8		
	10+	PCP NO PCP TOT %	1.0	2.4 2.4	20.1 20.7	.5 23.4 23.9	•0 ••9 ••9	•? 6• <b>8</b> 7•9	7.6 7.9	.5 4.0 4.5	•0	4.2 4.6	2.3 74.5 76.9		

TARLE 9

				PERCE	NT FREG	OF WI	YALU!	RECTION	V VS WI VISIBIL	ND SPE	ED		
VS8Y (%#)	SPD KTS	N	NE	E	SE	S	SH	*	Ne	VAR	CALM	PCT	TOTAL
	0-3	.0	.0	•0	.0	.0	.0	.0	٠,	.0	.0		Des
<1/2	4-10	.0	.0	•0		.0	.0		•	:0			
	11-21	•0	.0		.0	.0	.0	.0	.0	ö		.0	
	22+	•0	٠.0			.0	.0	.0				• • •	
	TOT \$	•0	.0	•0	•	•0	.0	•	•	ō	.0	:0	
	0-3	.0	.0		.0	•0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10 11-21	•0	•	•0	.0	•0	.0	.0	.0		• • •		
		•0	.0	•	•0	•0	.0	.0	.0	ŏ			
	22+ 101 \$	-0	.0	•0	.0	• 0	.0	.0	.0	.0		.0	
	101 3	.0	•	•	•0	•0	.0	.0	.0	ŏ	.0	ï	
	0-3	•0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	•0	.0	•0	•0	40			··	٥٠	••		
	11-21	.0	.0		•1	,õ	.0	<b>'</b> •	ě	ö		.2	
	22+	•0	.0	•0	.0	.0	.0	.0	.0			ö	
	TOT \$	•0	•0	•	-1	.0	•	,1	.1	.0	-0	;3	
	0-3	•1	.0	.3	-1	.1		•	-1	.0	.1		
2<5	4-10	•1	.1	• 2	-1		.2	.3	.;	.0	• 4	1.3	
	11-21	•0	.0	•0	•1	.0				:0		`;2	
	*25	•0	.0	•0	.0	.0	.0	•	.0	ŏ		':	
	101 \$	.3	-1	• •	.3	.1	. 3	.4	.4	.ŏ	-1	2,4	
	0-3	•	.0	•1	•2	.1	•	.4	.1	.0	.4	1.4	
3<10	4-10	.3	.2	1.1	1.8	.5	.4	.7	. 4		••	3.3	
	11-21 22+	•0	.0	1.0	1.0	• 2	.2	.3	-1	ŏ		2.6	
	101	•0	.0	•0	.0	.0	.0	.0	.0	, ō		0.0	
	-	.3	•2	2.2	3.0	. 6	. •	1.4	.7	ŏ	.4	9.7	
_	7-3	.6	.9	1.3	2.0	1.7	1.3	1.7	1.3		4.7		
10+	4-10	1.6	2.5	12.8	18.0	4.9	4.0	3.6	3.0	:8	*• /	15.5	
	11-21	•1	.2	6.7	10.1	4	1.2	1.4				50.6	
	22+	.0	.0	• 1	·.i	.0		::ī	:1	•0		20.8	
	TOT \$	2.4	3.6	20.9	30.3	7.0	6.6	7.i	4.9	:6	4.7	87.4	
Ť	OT ORS												
	OT PCT	3.0	3.9	23.5	33.7	0.0	7.5	₹.0	6.2	.0	5.1	100.0	2297

ANNUAL

PERIOD: (PRIMARY) 1913-1973 (OVER-ALL) 1854-1973

是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们

TABLE 10

AREA 0011 SDUTH CENTRAL JAVA 7.85 110.0E

不是在这个人的现在,我们的是我们的是是我们的是我们的是我们的是我们的是我们的是我们的是我们的的,我们们的是我们的是我们的,我们们的是一个人的人,也可以是一个人 一个人的人

# PERCENT PREQUENCY OF CFICING HEIGHTS (PEETJNH >4/8) AND OCCURRENCE OF NM 45/8 BY HOUR

HOUR (TPQ)	200 149	150 299	300 5 <b>9</b> 9	100 97:	1000 1999	2000 3499	9500 4999	5000 6499	6500 79 <b>9</b> 9	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL
00603	1.0	.0	1.0	9.2	8.0	7.1	5.3	•0	•0	•0	31.7	68.3	76
90360	.0	.0	1.7	2.4	4.9	4.8	1.4	•0	.0	•0	15.1	84.9	61
12615	2.1	.0	2.7	3.0	2.8	12.2	.6	•0	.0	•0	23.4	76.6	82
18821	1.7	1.0	2.6	2.9	7.0	4.0	7.2	.0	.0	•0	25.4	73.6	67
TOT PCT	1.2	.3	1.9	4.2	5.6	7.4	3.2	.0	.0	•0	23.9	76.1	306 100.0

TABLE 11

TABLE 12

		PERCFIAT	FRFOLE	CY V\$8	r (NM)	BY HOUR	t	CUMULAT					VSBY (NH) 1,8Y HOUR	
HOUR (G=1)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS	HDUR (GHT)	<150 <50YD	<600 <1	<1000 <b>&lt;5</b>	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00203	.0	.0	1.2	2.6	9.0	87.2	423	00603	1.0	2.1	13,9	18.7	67.5	73
90360	• 2	. 3	.2	1.0	7.3	91.4	673	90360	•0	2.1	5.4	11.5	83.1	80
12615	• 2	.2	•2	2.3	11.6	85.5	499	12615	2.1	5.7	8,7	15.7	75.6	78
18621	•1	.1	.4	3.3	11.2	84.9	735	18821	1.7	5.6	14.1	15.4	62.2	64
TOT	,	,	4		0.0	47 7	2330	TOT			10.4	18.1	74.6	295

TARLE 13

TABLE 14

	PERCE	NT FR	EDUENC	7 JF R	ELATIVE	HUMI	DITY B	Y TEMP	TOTAL	PET		PERC	ENT FR	EOUENC	/ DF W	IND DI	RECTION	1 BY T	EMP	
TEMP F	0-29	30-39	40-49	55-59	60-69	70-79	80-89	90-100		FREQ	N	NE	E	SE	S	SW	W	NM	VAR	CALM
90/94	. 3	.0	.0	•0		.0	.1	•0		1.2	.0	.0	.4	•2	.0	.0	.2	.0	.0	.5
85/89	.0	.0	.0	•0	2.6	6.8	1.9	.7		12.0	.3	.3	2.3	3.7	.1	2.0	2.0	• /	.0	. •
80/84	. 0	.0	.0	•0	4.4	21.3	30.9	5.7		62.3	.3	1.5	17.6	16.6	4.8	5.7	7.1	5.0	.0	3.8
75/79	. 0	. ?	.0	•0	.0	3.0	13.6	6.2		22.0	. 3	. 3	7.4	8.6	1.4	.5	2.3	1.0	.0	. 9
70/74 T773L	.0	•0	.0	•0	•0	•0	.4	1.3	403	1.7	•0	.4	•0	.3	.9	.0	•0	.0	•0	.0
PCT	.0	.0	.0	•0	7.4	31.9	46.9	13.8			.9	2.5	27.7	29.+	7.3	8.2	11.6	6.7	•0	5.8

TAPLE 15

	MEANS,	EXTREM	S AND	PFHCEN	TILFS	OF TEM	PIDE	G F) 1	LY HOUR		PERC	ENT FRE	GUENCA	OF RELA	TIVE H	UHIDITY	BY HOUR	
488R (6#7)	MAX	992	95%	50%	51	1*	MIN	MEAN	TOTAL DBS	HQUR (GHT)	0-29	30-59	60-69	70-79	60-89	90-100	HEAN	TOTAL D&S
£0300	89 92	85 80	84 87	95 90	76 78	74 77	72 73	80.0 82.4	787 1444	0300 00300	.0	1.2	19.9	21.6 52.7	54.9 24.1	18.0	14 76	105
12615 18621 TOT	88 85 92	84 83 87	83 82 85	81 80 61	77 76 77	75 74 75	72 71 71	90.6 79.3 80.6	957 1595 4783	12615 18621 707	•0	•0	1.7 31	35.3 22.2 128	49.7 60.9 193	14.9 15.2 72	84 84 82	125 76 425

ANNUAL

PERIOD: (PRIMARY) 1913-1973 (OVER-ALL) 1654-1973

TABLE 17

AREA 0011 SOUTH CENTRAL JAVA 7.85 110.08

The state of the s

PCT FRFO OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

IR-SEA	69	73	7		85	89	TOT	¥	#C
THP DIF	72	76	8.		18	92		FDG	FDG
9/10	.0	.0	•0	.0	. 2	.2	2	.0	.4
7/8	.0	•0	.0	.0	.7	.0	3	.0	.7
	.0	.0	.0	.0	.0	. 6	3	.0	. 6
5	.0	.0	.0	. 4	.3	. 4	5	.0	1.1
4	.0	.0	.7	.0	1.4	.0	10	٠ŏ	2.1
3	.0	•0	.0	2.2	1.3	.0	17	•0	3.5
5	.0	ž	1.9	3,8	1.7	.0	34		7.2
6 5 4 3 2	.0	.3	4	1.9	•	ŏ	17		3.6
٠	.3	2.2	6.6		1.7	.0	110	.7	23.4
0 -1		.5	5.1	8.0	• . 7	.0	97	:6	14.3
-:	.2	.3	5.0		i	.0	86		10.4
-2 -3					• • •			•0	
-3	•0	•0	4.1	4,3	.2	•¢	39	•0	
-4	.3		2.1	6.1	.3	•0	43	٠0	9.3
-5	.0		2.0	.•	.0	•0	15	.0	3.6
-6	.0	.5	.2		.0	•0	4	•0	. 6
-7/-8	.0	.4	.4	.3	•0	.0	6	.0	1.0
-9/-10	.3	• 2	.0	.0	.0	.0	2	.0	.5
TOTAL							463		
			20 /		• 6		100.0		

PERIOD: (DVER-ALL) 1963-1973

TABLE 1

PCT FRED OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT) HGT
<1
1-2
3-4
5-6
7
8-9
10-11
12
13-16
17-19
20-22
23-25
26-32
23-40
41-48
49-60
61-70
71-86
87+
TOT PCT 1-3 1-3 4-10 PC-63000000000000000000 22-33 HGT <1 1=2 3=4 5=6 7 8=9 10=11 12 13=16 17=19 20=2 23=25 26=32 45=40 45=60 61=70 71=86 67 PCT 1-3 1-3 11-21 .0 2.2 5.7 6.2 1.1 .0 .0 .0 .0 .0 .0 

PERIJD: (	(DVE	-ALL)	1963-1973		ANNUAL					AREA 0011 SOUTH CENTRAL JA			ENTRAL JAV		
								TABLE 18 (CONT	)				7,0	15 110	.0E
				PC	T FREO	OF WIND	SPEED	(KTS) AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT	,		
нат	1-3	4-10	11-21	5 22-33	34-47	48+	PCT	1-3	4-10	11-21	SW 22-33	34-47	48+	PCT	
<1			.0	.0	.0	••	.0	,	3.4		.0	.0	.0	4.1	
1-2	ŏ	4.4	.6		.0		5.0	ò	2.2	4.2	.ŏ			6.4	
3-4	.0	1.2	.4	.0	,õ	.0	1.6	ŏ	.0	1.1	.0	.0	.0	•1	
5-6	.õ	1.7	.0	•0	.0	.0	1.7	ō	,0	2.0	.0	.0	ò	2.6	
7	.0	.0	•0	•0	.0	.0	•0	•0	.0	.0	۰٥	.0	.0	.0	
8-9	٠.0	.0	•0	•0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	•0	.0	•0	.0	•0	.0	.0	•0	.0	.0	•0	
12	.0	.0	.0	•0	.0	•0	.0	.0	•0	.0	•0	.0	.0	•0	
13-16	.0	.0	•0	•0	.0	.0	•0	•0	•0	•0	.0	•0	.0	•0	
17-19	.0	.0	•0	•0	.0	•0	•0	•0	•0	•0	•0	.0	.0	•0	
20-22	.0	٠.	•0	• •	.0	•0	•0	•0	•0	•0	•0	•0	.0	•0	
23-25	•0	.0	•0	•0	.0	.0	•,0	•0	.0	•0	•0	.0	.0	•0	
26-32 33-40	.0	.0	•0	•0	.0	.0	• 3	•0		.0	.0	.0	.0	•0	
41-48	:0	.0	.0	ŏ	.0	.0			ŏ	.ŏ	••	.0	.0	.0	
49-60	.0	:0	•0	.0	.0				.0	ŏ	:0	.0	.0	.0	
61-70	.0	.0	•0	.0	ň	.0		.0	.0	.0		.0	.0	•0	
71-86	.0		.0	.0	. 0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	
TOT PCT	•0	7.3	.9	•0	.0	•0	8.2	•7	5.6	7.2	•0	•0	•0	13.5	
				w							NM				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<ĭ	2.0	1.3	•0	.0	.0	•0	3.3	.1		.0	•0	•0	.0	. 9	-
1-2	.0	5.1	1.0	•0	.0	•0	6.1	•0	1.1	.0	•0	.0	.0	1.1	
3-4	.0	1.3	1.7	-0	.0	•0	3.0	٠Ō	.0	2.4	•0	•0	•0	2.4	
5-6	•0	.0	.4		.0	.0	1.2		.6	.9	•0	•0	•0	1.5	
7 8-9	.0	.0	• 0	•0	.0	•0	•0	•0	:0	.0	••	•0	•0	.8	
	.0	•0	•0	•0	.0	•0	•0	•0	.0	•0	•0	•0	•0	•0	
10-11	.0	.0	•0	•0	.0	•0	•0	•0	.0	.0	•0	•0	.0	•0	
13-16	.0	.0	.0	.0		.0	.0	•0		.0		.0		.0	
17-19	.0	.0	.0	.0		.0		ŏ				•0		•0	
20-22	. 0	.ŏ	.0	.0	. 6	.0	.0	.0	•0	.0	.0	.0	.0	.0	
23-25	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	9.	.0	.0	.0	.0	•0	.0	.0	•0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	•0	•0		.0	.0	.0	•0	.0	.0	
41-48	.0	.0	•0	.0	.0	.0	.0		.0	.0	•0	•0	•0	•0	
49-60	.0	•0	•0	.0	.0	•0	•0		•0	•0	•0	•0	.0	•0	
£1-70	.0	.0	•0	•0	.0	•0	•0		.0	.0	•0	•0	.0	•0	
71-86	•0	•0	•0	.0	•0	•0	•0		•0	•0	•0	•0	•0	•0	
87+ TOT PCT	.0 2.0	.0 7.7	.0 3.1	.0	.0	•0	13.6		.0 2.4	3.3	.0	•0	•0	6.6	97.1
		1.1													

TO THE PERSON AND THE

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	7.9	6.4	.0	.0	.0	.0	14.2	085
1-2	.0	27.9	8.2	.0	.0	.0	36.1	
3-4	.0	7.3	16.4	.0	.0	.0	23.7	
5-6	.0	3.9	18.0	. 8	.0	.0	22.6	
7	.0	.0	2.7	. 0	.0	.0	3.4	
8-9		.0	.0	.0		.0		
10-11	.0	.0		.0		.0		
12	:ŏ	.0	.0					
13-16								
	•0	•0	•0	•0			.0	
17-19	•0	•0	-0	•0	•0	•0	•0	
20-22	.0	•0	•0	.0		.0	.0	
23-25	.0	.0	.0	.0			.0	
26-32	.0	.0	.0	.0			۰0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	. 0		.0	.0	
61-70	.0	.0	.0	.0		.0	.0	
71-86	.0	.ŏ	.0	.0		.0	.0	
87+	.ŏ	ě		ě			.6	
•••	••	•••	•••	••	•••	•••	•••	136
TOT PCT	7.9	45.4	45.3	1.5	.0	.0	100.0	.30

PERIOD: (OVER-ALL) 1949-1972 PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) 8-9 10-11 .0 .0 .6 .7 .8 1.1 .4 .0 .6 .0 .6 .0 .2 .8 2.4 70TAL 72 40 42 18 11 4 31 218 100.0 PERIOD (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 3-4 5-6 7
12.5 6.6 1.3
5.7 6.9 3.5
3.6 4.0 5.5
1.1 3.7 3.0
1.0 2.4 .6
.0 1.0 .0
1.3 1.6 1.4
25.2 26.1 15.5 12 13-16 .0 .0 .0 .0 .0 2.0 .0 .0 .0 .0 .0 .0 .0 1-2 10.6 1.6 1.1 .3 .0 .0 2.5 .0 .0 .0 .0 .0 .0 .0 HEAN HGT 3 9 6 9 9 <1 4.2 .0 .0 .0 .0 .0 .0 .7 •••• -70 1.5 3.5 5.5 3.0 .0 2.0 00000000 ...... ...... ..... .00000000 .0000000 ......

alminimiensen eine konstantut entrockalansen staden bande bestaar plake en bedeemmeste en en bedeem de de kons Inn en en en en en en en skrivest skrivesten en propsystelse fallstigten stade in 1900 ble bestaar en bestaald

and the second of the first of the second of the property of the second of the second

1913-19 1854-19						TABL	<b>7</b> 20				A	RFA 001	1 SDL 7.85	TH CENTR	AL JAVA
			PERCE	NT FRE	QUENCY	GF 00	CURREN	CE OF	SEA TE	HP (DE	G F) 8	THON Y	•		
EA THP DEG F	MAL	FER	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	PCT	
96+	•0	.0	.0	.0	.0	•0	.0	•0	.0	•0	.0	.0	0	.0	
95/96	•0	.0	•0	•0	.0	•0	•0	•0	•0	.0	•0	•0	0	•0	
93/94	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0	0	٠,٥	
91/92	•0	.0	.0	•0	•0	•0	•0	•0	•0	•0	.0	•0	0	.6	
89/90	.0	.5	.0	٠,٥	.2	.0	• 0	.0	•0	•0	.0	•0	3	.1	
87/88	1.3	1.6	1.7		• 7	• 0	.0	•0	•0	.0	•0	.0	24	.5	
85/86	7.9	16.7	17.2	15.3	8.7	2.8	• ?	.0	•0	1.1	1.9	3.4	293	4.5	
83/84	40.6	40.2	42.1	53.6	43.7	20.5	6.	2,4	.9	3.5	19.5	38.5	1159	25.6	
81/82	45.1	33,9	33.0	27.1	34.3	39.9	19.2	7.6	7.4	26.6	52.3	49.5	1363	30.1	
79/80	5.1	6.4	5.4	2.2	9.0	10.3	10.1	20.0	20.6	38.0	22.8	8.2	453	14.4	
77/78	•0	.7	.6	.9	2.8	8.0	28.1	30.5	39.7	19.9	3.5	•0	547	12.1	
75/76	•0	.0	.0	.0	.5	7.2	17.6	24.3	23.0	8.1	.0	•0	326	7.2	
73/74	•0	.0	• າ	•0	•0	3.3	10.3	12.7	6.3		.0	.0	135	3.0	
71/72	•0	•0	•0	.0	.0	.0	1.6	2.4	1.6	•0	.0	•0	22	.5	
69/70	•0	.0	.0	• 0	.0	.0	•0	.0	.5	.0	.0	.0	2		
67/68	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	•0	0	.0	
65/66	•0	.0	.0	•0	.0	•0	•0	.0	.0	.0	.0	•0	0	.0	
63/64	•0	.0	.0	.0	.0	.0	, n	•0	•0	.0	.0	.0	0	.0	
61/62	•0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	•0	0	.0	
59/60	•0	.0	•0	•0	.0	•0	•0	•0	•0	•0	.0	.0	0	.0	
47/58	•0	.0	.0	.0	.0	•0	.0	.0	.0	•0	.0	.0	0	.0	
55/56	•0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	0	.0	
53/54	. 0	.0	.0	•0	.0	, 0	.0	.0	.0	.0	.0	.0	Ö	.0	
51/52	• 0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	0	.o	
49/5C	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	0	.0	
47/48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	Ö	•0	
45/46		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• 0	Ŏ	.0	
43/44	.0	.0	• 0	.0	.0	.0	•0	.0	.0	.0	.0	.0	ŏ	.0	
41/42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	Ō	.0	
39/40	.0	.0	.0	.0	.0	.0	,c	.0	.0	•0	.0	.0	Ŏ	.0	
37/38	• 9	.0	•0	.0	.0	•0	.0	.0	•0	.0	ō	.0	ŏ	.0	
35/36	.0		.0	.0	.0	.0	.0	.0		.0	.0	.0	ō	.0	
33/34	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	ŏ	.0	
31/32	.0	.0	.0	.0	.0	.0	.0	ò	.0	.5	.0	.0	ŏ		
29/30	.0	ö	•0	.0	.0	.0	ň	ũ	.0	.0	.0		ŏ	.0	
27/28	ň	.0	.0	.0	.ŏ	.0	. 0	.0		.0	.o	.0	ŏ	ö	
<27	.0	ŏ	.5	.0	.0	.0	ō	.0	ŏ	.0	.0		ŏ		
TATEL	315	425	349	457	423	361	448	370	431	371	369	200	4527	100.0	
		82.9	83.0	83.1		80.6	78.1	77.2	77.3	79.4			80.8	-3410	
MEAN	82.6	<b>52.</b> 9	83.0	83.1	82.4	<b>50.6</b>	76.1	17.2	17.3	74.4	81.4	62.1	50.5		

TABLE 21 PRESSURE (48)

			AV	ERAGE	BY HOU	R IGHT	,			
MC	0000	0300	0600	0900	1200	1900	1800	2100	MEAN	TOTAL
IAN	1011	1010	1010	1008	1011	1010	1009	1009	1011	89
FER	1011	1010	1010	1008	1010	1010	1009	.009	1010	132
MAR	1010	1011	1009	1008	1009	1010	1009	1005	1009	50
APR	1010	1007	1009	1007	1009	1009	1009	1008	1009	76
MAY	1010	1013	1010	1010	1010	1013	1009	1010	1010	41
JUN	1011	1011	1010	1009	1010	1011	1011	1011	1010	67
IUL	1011	1012	1012	1010	1011	1011	1013	1011	1011	76
AUG	1012	1011	1011	1011	1011	1012	1011	1011	1011	54
SEP	1012	1011	1011	1010	1011	1011	1012	1011	1011	61
DET	1012	1012	1011	1010	1012	1012	1011	1011	1011	45
NOV	1012	1009	1010	1008	1010	1010	1010	1009	1010	59
DEC	1010	1005	1009	1006	11.10	1007	1009	1007	1009	52
ANN	1011	1010	1010	1009	10.0	1011	1010	1010	1010	823
085	152	37	163	66	172	33	115	85		

MC	MIN	1\$	5%	25%	50%	75%	95%	992	XAM
JAN	1006	1006	1007	1009	1010	1013	1013	1013	1014
PER	1005	1006	1006	1009	1010	1011	1012	1012	1013
MAP	1905	1005	1006	1008	1009	1010	1012	1013	1014
APR	1005	1005	1006	1008	1009	1010	1012	1012	1013
MAY	1005	1005	1006	1008	1010	1013	1014	1014	1015
JUN	1005	1005	1007	1009	1010	1012	1013	1013	1014
JUL	1005	1005	1008	1010	1011	1013	1015	1016	1017
AUG	1005	1005	1006	1011	1011	1012	1014	1015	1016
SEP	1006	1006	1008	1010	1011	1012	1014	1015	1016
DET	1009	1009	1009	1010	1012	1012	1013	1013	1014
NOV	1007	1007	1008	1009	1010	1011	1013	1013	1014
DEC	1003	1003	1004	1007	1009	1010	1012	1012	1013

JANUARY

PERIOD: (PRIMARY) 1864-1969 (OVER-ALL) 1855-1969

TABLE 1

AREA 0012 SDUTHEAST JAVA 9.15 114.3E

PERCENT	FREQUENCY	OF	HEATHER	OCCURRENCE	5 Y	MIND	DIRECTION

			,	RECIPI	DITAT	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	PAIN SHWR	nr7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG WO PCPN	FUG WD PCPN PAST HR	SMOKE HAZE		
N	10.8	٠.	.0	.0	.0	.0	10.8	21.6	•0	.0	.0	.0	•0	•0	78,4
NE	23.5	35.3	, o	.0	.0	.0	.0	58.8	•0	23.5	٠.	.0	.0	•0	41,2
E	16.2	10.8	.0	.0	.0	.0	.0	77.0	10.8	35.1	.0	.0	.0	•0	32,4
ŠE	9.7	9.7	6.5	.0	.0	.0	. C	25.8	•0	11.3	.0	.0	•0	.0	72,0
Š	.0	.0	.0	.0	.0	.0	.0	.0	•0	13.3	.0	.0	.0	.0	86.7
Šw	1.9	9.6	.0	.0	.0	.0	.0	11.5	.0	.0	.0	.0	.0	.0	88.5
¥.	4.3	9.1	.0	, o	.0	.0	.0	13.4	1.4	1.4	2.9	.0	.0	.0	80.8
Ñ'n	22.8	5.9	.ŏ	.ŏ	.5	.0	.č	20.7	.0	7.9		, ŏ	•0		71.3
VAR		. 0	.ŏ	.ŏ	.0	.0	.0	.0	.0	.0	.0	.0	•0		7,0
CALM	.0	.0	.ŏ	.õ	.0	.0	.c	.0	•0	.0	.0	.0	•0		100.0
TOT PCT	9.0 155	8.4	.6	.0	.0	.0	.6	18.7	1.3	6.5	1.3	•0	•0	•0	75.5

TARLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE					DTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	PAIN Shur	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LING	FOG #0 PCPN	FOG WO PCPN PAST HR		SPRAY RLHG DUST BLHG SNOW	ND SIG WEA
00603 06609 17615 18621	9.4 2.8 10.6 18.2	11.3 8.3 6.4 3.0	2.8	.0	.0	.0	2.1 0.0	70.8 13.9 19.1 21.2	3.8 .0 .0	1.9 5.6 8.5 15.2	2.8 .0 2.0	•0	•0	•0	75.5 77.8 74.5 72.7
TOT PCT TOT CBS:	10.1	7.7	.6	.0	•0	•0	••	18.9	1.2	7.1	1.2	•0	•0	•0	75.1

TABLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			55-33 EG (KN)		48+	TOTAL DBS	PCT FREQ	MEAN SPD	00	03	06	HOUR 09	(GHT) 12	15	18	21
NEESS SS NH VAR CALM	.9 1.1 .9 2.6 2.6 3.9 3.6 1.0	1.1 .9 1.7 4.4 5.1 10.9 18.7	.1 .2 .0 .3 .9 5.6 13.4 2.4	.0	.0	• • • • • • • • • • • • • • • • • • • •		2.2 2.2 2.7 7.5 8.7 21.2 41.3 9.4	5.4 4.5 4.4 5.1 6.4 8.8 12.0 12.4	1.8 2.3 1.0 6.7 7.4 18.5 4.3 9.9	4.1 2.1 3.2 5.9 9.5 19.5 39.2 8.6	4.5 6.8 2.3 .0 4.5 10.2 64.8 6.8	2.1 .4 2.5 7.5 10.0 25.0 38.2 10.7 .0	1.7 2.0 4.4 10.8 9.0 19.2 42.7 6.7	1.2 3.3 2.5 8.3 9.1 22.3 40.1 9.9	27.1 39.6 16.7	.3 2.6 .7 7.9 7.6 25.2 41.1 11.3
TOT CAS	223	47.3	234 22.9	69 6.7	13	.0	1023	100.0	9.3	141	264 100.0	100.0	140 100.0	172 100.0	121 100.0	100.0	100.0

 -	••	

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL DBS	PCT FREQ	HEAN SPD	00 03	HBUR 06 09	(GMT) 12 15	18 21
NE E SE SW WW VAR CALM TOT ORS	1.4 1.7 2.3 5.6 5.1 7.6 11.9 3.1 .0 5.0	.8 .4 .3 1.9 3.1 8.6 18.2 4.1 .0	.0 .0 .4 2.7 8.9 1.2	.0 .0 .0 .0 .2 2.1 .8	.00.00	1023	2.2 2.2 2.7 7.5 8.7 21.2 41.3 9.4	5.4 4.5 4.4 5.1 6.4 8.8 12.0 12.4 .0	3.3 2.7 6.2 8.8 19.3 41.0 9.1 .07	2.5 1.2 2.5 6.5 9.3 23.0 41.8 10.2	1.5 2.6 3.6 9.7 9.0 20.5 41.6 8.0 3.4 293	2.5 1.2 8.0 7.1 25.3 41.0 11.7
TOT PCT	45.7	37.4	13.3	3.1	.5		100.0		100.0	100.0	100.0	100.0

JANUARY

PERIOD:	(PRIMARY)	1864-1969
	/OUER-ALL 1	1846-1949

或者的现在分词,我们就是这种,我们就是一个人,我们就是这种人的,我们就是这种人的,我们就是这种人的,我们就是这种人的,我们就是这种人的,我们就是这种人的,我们就

TARLE 4

AREA 0012 SDUTHEAST JAVA 9.15 114.36

وهداسميه فيمود تموين مرموا تراويون أمدود او مرسوله كالمؤود ميس والإنواميد والإفداء الإفداء المراوي

PERCENTAGE	FREQUENCY	QF	WIND	SPEED	87	HOUR	(GMT	)

HQUR	CALH	1+3	4-10		SPEED (		48+	MEAN	PCT FREQ	TOTAL OBS
00603	7.7	17.8	42.2	23.7	6.7	2.0	.0	9.3	100.0	405
90360	3.1	12.3	50.6	23.5	9.9		.0	10.3	100.0	162
12615	3.4	16.4	50.2	24.2	4.8	1.0	.0	9.0	100.0	293
18621	3.1	19.6	51.5	17.8	7.4		.0		100.0	163
TOT	, ji	172	484	234	69	13	Ö	9.3		1023
PCT	5.0		47.3	22.9	6.7	1.3	.0		100.0	• - • -

TARLE 5

TABLE 6

•	CT FRE			CLOUD A		(EIGHTHS)		1					CEILIN NH <5/					
WHO DIR	0-2	3-4	5-7	8 & 085CD	TOTAL DBS	MEAN CLOUD COVER	000 149	150 290	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH <5/8 ANY HGT	
N	.0	.0	1.9	•0		7.0	•0	• 9	.0	.0	.0	•0	.0	•0	•0	.0	1.9	
NE	. 5	1.9	.9	•0		4.5	.0	•0	.0	.0	.0	. 9	.0	•0	.0	.0	2.4	
	1.4	1.9	5.7	•0		5.1	•0	•0	.0	.0	.0	1.9	.0	•0	.0	.0	7.1	
še	1.9	· ó	4.7	.0		4.7	.0		.0	.0	1.9	.9	.0	•0	.0	.0	3.8	
•	.,9	2.8	.0			2.5	•0	.0	.0	.0	.0	.0	.0	•0	•0	.0	3.8	
ŠW	3.6	5.2	.5	•0		2.7	•0		,õ	.0		•0	.0	.0	•0	.0	9.4	
3"	10.4	18.4	11.3			4.4	•0	ě	.0	1.9	2.8	5.7	1.9	•0	•0	.0		
NH	3.8	1.9	2.8			4.5	ě	•0		.0	4.7		·.ó	•0	•	40		
VAR	•0	.0	•0			•0	•0	•0	.0	•0	.0	•0	.0	•0	•0	•0	•0	
CALM	.0	.0	•0	1.9		8.0	•0	•0	•0	•0	•0	•0	.0	•0	•0	•0	1.9	
TOT USS	12	17	15	9	53	4.3	0	Ó	0	1	5	5	1	0	0	0	41	53
TOT PCT	22.6	32.1	28.3	17.0	100.0		•0	•0	.0	1.9	9.4	9.4	1.9	•0	•0	.0	77.4	100.0

TABLE 7

CUMULATIVE PCT FREQ	OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT	(NH >4/8) AND VSBY (NH)

				VSBY (NH	3			
CEILING	■ OR	= DR	e DR	= PR	- OR	= OR	# DR	• QR
(FEFT)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	.0	•0	.0	.0	•0	.0	•0	.0
= PR >5000	.0	.0	.0	٠.	.0	.0	•0	.0
■ DR >3500	1.8	1.4	1.8	1.8	1.8	1.8	1.8	1.8
= OR >2000	5.3	6.6	10.5	10.5	10.5	10.5	10.5	10.5
<ul> <li>nR &gt;1000</li> </ul>	10.5	17.5	19.3	19.3	19.3	19.3	19.3	19.3
■ OR >600	12.3	21.1	22.8	22.8	22.8	22.8	22.8	22.8
= DR >300	12.3	21.1	22.8	22.8	22.8	22.8	22.8	22.8
■ OR >150	12.3	21.1	22.8	22.8	22.8	22.8	22.8	22.8
- DR > 0	12.3	21.1	22.8	22.8	22.8	22.8	22.8	22.8
TOTAL	7	12	13	13	13	13	13	13

UTAL NUMBER OF DBS: 5

PCT FRED NH <5/8:

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

TOTAL
0 1 2 3 4 5 6 7 8 OBSCD OBS

0 0

JANUARY

PERIUD: (PRIMARY) 1864-1969 (DVER-ALL) 1855-1969

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TABLE 6

AREA GOIZ SOUTHEAST JAVA 9.15 114.3E

THE PROPERTY OF THE PROPERTY O

			ERCENT						URRENCI ALUES				
VSBY (NH)		N	NE	E	SE	\$	Sw	W	NH	VAR	CALM	PCT	TOTAL
	PCP	. C	٠.	.0	•0	.0	•0	.0	.0	.0	.0	•c	
<1/2	NO PCP	.0	.0	•0	.0	•0	.0	.0	.0	.0	.0	.0	
	TOT \$	.c	.0	•0	•0	•0	•0	.0	•0	.0	•0	.0	
	PCP	.0	•0	.0	.0	•0	••	.0	.0	.0	.0	.0	
1/2<1		•0	•0	•0	•0	•0	. 3	1.0	.0	•0	•0	1.3	
	TOT \$	•0	•0	•0	•0	•0	. 3	1.0	•0	•0	•0	1.3	
	PCP	.0	.0	•0	.0	•0	•0	.0	.6	۰.	.0	.6	
1<2	NO PCP	•0	• 0	•0	• 0	•0	•0	•0	.6	.0	•0	.6	
	TOT %	.0	•0	•0	•0	•0	•0	.0	1.3	•0	•0	1.3	
	PCP	.6	.3	.3	•c	•0	.2	1.1	•0	.0	•0	2.6	
2<5	NO PCP	•0	•0	.5	• 2	•0	•0	•0	•0	•0	•0	.6	
	TOT \$	. 6	.3	.8	•2	•0	• 2	1.1	•0	•0	.0	3.2	
	PCP	.6	1.3	1.0	2.3	•0	.4	3.9	2.6	.0	•0	12.3	
5<10	NO PCP	1.6	.0	.6	4.2	1.6	1.9	14.8	4.8	.0	.0	29.7	
	TOT \$	2.3	1.3	1.6	6.5	1.6	2.6	18.7	7.4	•0	•0	41.9	
	PCP	.0	.0	,3	.3	•0	.2	1.0	1.5	.0	.0	3.2	
10+	NO PCP	3.1	1.1	3.2	3.1	3.2	5.2	22.7	6.1	.0	1.3	49.0	
	TOT %	3.1	1.1	3,5	3.4	3.2	5.3	23.7	7.6	•	1.3	52.3	
	TOT OBS												15
	TOT PCT	6.0	2.7	6.0	10.0	4.8	8.4	44.5	16.3	•C	1.3	100.0	

			-	PERCEN	T FREQ WITH V	OF WI	VALUE	S OF V	ISIBIL	ND SPE Ity	ED		
Y42V (HF)	SPD KT <b>S</b>	N	'nĚ	ε	SE	5	5 w	¥	NW	VAR	CALH	PCT	TOTAL DOS
	0-3	.0	• 0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	•0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	.0	•0	•0	•0	.0	•0	•0	.0	•0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	•0	.0	.0	•0	.0	.4	.0	.0		.4	
	11-21	.0	•0	.0	•0	.0	.0	.0	.0	.0		.0	
	22+	•0	•0	.0	.0	.0	.2	.2	.0	.0		. 4	
	TOT %	.0	•0	.0	.0	.0	.2	.7	.0	.0	•0	, 9	
	0-3	.0	•0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	.0	.0	.0	.0	.0	.4	.4	.0		. 9	
-	11-21	.0	.0	.0	.0	.0	.0	.0	.4	.0		. 4	
	22+	.0	.0	.0	.0	.0	.0	.0	•0	.0		.0	
	TOT #	.0	.0	•0	.0	.0	.0	.4	.9	.0	•0	1.3	
	0-3	.4	.0	.3	-1	.0	.0	.0	.0	.0	•0	.9	
2<5	4-10	.0	.2	. 2	.0	.0	.0	.0	.0	.0		. 4	
	11-21	.0	.0	.0	.0	.0	.0	.9	.0	ō		. 9	
	22+	.0	.0	.0	•0	.0	-1	.3	.0	.0		. 4	
	TOT \$	.4	. 2	•6	•1	.0	-1	1.2	•0	.0	.0	2.6	
	0-3	.2	.0	.2	1.1	.0	.0	.2	.4	.0	.0	2.2	
5<10	4-10	1.3	.0	.,	2.4	1.1	.7	4.4	2.0	.0		12.8	
	11-21	٠.	.9	•0	.9	.0	.4	6.2	2.6	.0		11.0	
	22+	.0	•0	.0	•0	.0	.7	2.2	.7	.0		3.5	
	TOT %	:.5	.9	1.1	4.4	1.1	1.4	13.0	5.7	•0	•0	29,5	
	0-3	.4	.0	1.4	3.6	2.4	1.1	3.9	1.7	•0	6.2	20.7	
10+	4-10	1.7	.8	1.7	4.2	2.6	5.8	16.0	5.2	.0		37,9	
	11-21	.4	•0	•0	•0	.0	.7	3.4	3.2	.0		5.7	
	22+	•0	•0	•0	•0	•0	.0	1.3	•0	.0		1.3	
	TOT %	2.5	. 8	3.1	7.0	5.1	7.6	24.6	8.0	.0	6.2	45.4	
	TOT ORS												227
•	TOT PCT	4.5	1.9	4.7	12.3	6,2	9.7	39.9	14.6	•0	6.2	100.0	

JARUARY

PERIOD: (PRIMARY) 1964-1969 (OVER-ALL) 1955-1969

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TABLE 10

AREA 0012 SOUTHEAST JAVA 9.15 114.3E

# PERCENT FREQUENCY OF CFICIIG HEIGHTS (FEET/NH >4/8) AND OCCURRENCE OF NH <3/8 BY MOUR

HOJR (TPD)	00C 149	190 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	FOTAL OBS
00603		.e	,0	.0	11.1	5.6	υ,	.0	.0	.0	16.7	83,3	18
26609	.0	.0	.0	5.9	5.9	11.8	.0	•0	•0	•0	23.5	76.5	17
12615	.0	.0	.0	•0	7.1	14.3	.0	.0	.0	•0	21.4	78.6	14
1862]	.0	s	.0	9.1	9.1	•0	9.1	•0	.0	•0	27.3	72.7	11
73f 73f	0	0	.0	3.3	5 8.3	5 8.3	1.7	0.0	.0	.0	13 21.7	47 78•3	100.0

TARLE 11

TABLE 12

		PERCENT	FREQLES	CY VSBY	(NH)	84 HCUR		CUMULAT					VSBY (NH) Jany Hour	
HJUR (GMT)	<1/2	1/241	1-7	2<5	5<10	10+	TOTAL CAS	HOUR (G4T)	<150 <50YD	<600 <1	<1000 <5		NH <5/8 AND 5+	TOTAL OBS
10,03	.0	1,3	.0	2,7	26.7	69.3	75	00603	.0	.0	.0	16.7	63.3	10
00609	•0	.0	٠,	2.1	31.9	66.0	47	90360	•0	•0	13.3	13.3	73.3	15
12615	.0	٠.	4.2	4.2	31.0	60.6	71	12615	•0	.0	7.7	23.1	69.2	13
18621	•0	2.1	•0	.0	37.5	60.4	48	18621	•0	9.1	18.2	18.2	63.6	11
TOT	2	. ž	1.2	2.5	75 31.1	155	241 100.0	TDT PCT	.0	1.6	8,8	10 17.5	42 73.7	57 190•0

TANLE 13

TABLE 14

					- 151	•														
	PERCE	NT FR	EQUENCY	Y UF R	ELATIV	E HUMI	DITY B	Y TEMP	TOTAL	PCT		PERC	ENT FR	EQUENC	Y OF W	IND DI	RECTIO	N BY T	<b>L</b> MP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FREG	N	NE	£	SE	\$	SW	đ	Nh	VAR	CALM
85/69 80/84 75/79	.00	• • • • • •	.0	•0	•0	22.8	45.7	2.2	16	12.0 70.7 17.4 100.0	1.4 2.7 .0	.5 .0 2.7	3.0 1.6	7.9 2.2	1.1 1.1 .0		6.3 40.8 3.8	.8 9.2 5.4	•0	.0 .0
TOTAL PCT	.č	•ñ		• 6		29.3	55.4	14.1			4.1	3.3	4.6	10-1	2.2	9.5	50.8	15.5	•0	.0

TARLE 15

	MEANS,	EXTREM	ES AND	PERCEN	TILES C	F TEM	P (DE	G F) 8	Y HOUR		PERC	ENT FRE	OUENCY	OF RELA	TIVE H	Y:101PV	BY HOUR	ı
HOUR (GMT)	FAX	99\$	95%	50%	51	1*	нін	MEAN	TOTAL OBS	HOUR (GHT)	0-29	30-59	60-59	70-79	80-89	90-100	HEAN	TOTAL
£0300	94 93	92 92	89 90	84 84	79 81	77 76	75 75	64.4	396 152	£0300 €0340	•0	•0	4.8	37.5	50.0 42.9	12.5	82 81	32 21
12615	89 87	88 86	85 84	82 81	77 78	75 76	73 74	\$2.4 81.2	267 156	12615 18621	.0	•0	•0	23.3	96.7 55.0	10.0	83 87	30 20
TOT	94	91	88	83	78	76	73	83.1	971	707	0	0	1	30	56	16	63	103

JANUARY

PERITUS (PRIMARY) 1804-1969 (UVER-ALL) 1855-1969

TABLE 17

AREA 0012 SOUTHEAST JAVA 9.15 114.3E

PERIOD: (OVER-ALL) 1963-1969

TABLE 18

PCT FREG OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT) 4-10 4-10 HGT <1 1-2 3-4 5-6 7 8-9 1C-11 12 13-16 17-19 20-22 23-25 49-40 61-70 71-66 87+ TOT FCT 1-3 1-3 4-10 HGT <1 1-2 3-4 5-0 7 8-9 10-11 12 13-10 17-19 20-22 30-32 30-90 61-48 49-60 61-70 71-86 87-

									JANU	IARY							
PERIOD:	(DVE	R-4LL)	1963-1	969				TABLE	18 (	CONT)				AREA	0012 5	S 114	
				PC	T FRED DF	WIND	SPEED	(KTS)	AND	DIREC	TION	VERSUS S	SEA HEIG	HTS (FT	)		
				5	4								SW		48+		
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT			1=3	4-10		22-33	34~47	7.0	PCT	
<1	:0	:0	•0	.0	•0	·ŏ	.0			'n	3.6		.0	•0		3.8	
1-2 3-4	.0	3.8	.0	.0	•0	.0	3.8			ő			.0	•0			
5-6	ĕ	.0	.0	.0		.0	•0			ñ	.0		.0	ŏ		1.0	
77	:ŏ	.0	.0	.0	ě	.0	.0			ñ				•0	.0	1.0	
8-9	:5	.0	•0	.ŏ		.0				ō	.0			•0	ŏ	Ö	
10-11	.0	.0		.5	.0	.0	.0			ō			.0	•0	.0	.0	
12	Š	.0	.0	.0	•0	.0	.0			'n	. 0		.0	.0	.0	.0	
13-16	.0	.0	•0	.0	.0	.0	.0			.0			•0	•0	.0	•0	
17-19	.0	.0	. 0	.0	.0	.0	.0			.0			.0	•0	.0	•0	
20-22	. 3	.0	.0	.0	.0	.0	.0			.0	• 0		.0	.0	•0	•0	
23-25	.0	.0	•0	.0	.0	.0	.0			.0	• 0	• • •	.0	•0	.0	•0	
26-32	.0	./;	•0	.0	•0	•0	•0			.0	• (		•0	• 6	.0	.0	
33-40	.0	.0	•0	.0	•0	-0	.0			•0	• (		•0	•0	•0	•0	
41-48	.0	.0	•0	•0	.0	•0	.0			•0	• 9		•0	•0	•0	•0	
49-60	.0	.0	•0	.0	.0	•0	•0			.0	• 0			•0	.0	•0	
61-70	.0	.0	•0	.0	.0	•0	•0			•0	• 9			•0	.0	•0	
71-86	.0	.0	•0	.0	•0	•0	•0			•0	•			•0	•0	•0	
87+_	.0	.0	•0	•0	.0	•0	.0			.0	_•9			•0	.0	• 0	
TOT PCT	.0	3.8	•0	•0	•0	•0	3.8			•0	3.6	1.9	-0	•0	.0	5.8	
				w									Nw				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT			1-3	4-10		22-33	34-47	48+	PCT	PCT
<1	7.7	3.8	•0	.0	.0	.0	11.5			•0	7.1	7 .0	•0	•0	•0	7.7	
1-2	.0	23.1	3.8	•0	.0	.0	26.9			.0	3,8			•0	•0	3,8	
3-4	.0	3.8	7.7	•0	.0	•0	11.5			• 0	• (			•0	•0	7.7	
5-0	.0	.0	10.6	.0	•0	•0	10.6			•0	• (			•0	•0	•0	
7	.0	.0	2.7	• 0	.0	-0	2.9			•0	•			•0	•0	.0	
8-9	.0	.0	•0	٠,	•0	•0	.0			.0	•			•0	.0	•0	
10-11	.0	.0	•0	0	•0	•0	.0			•0	•			•0	•0	•0	
12	.0	.0	•0	3.8	•0	•0	3,6			•0	• •			•0	.0	.0	
13-16	.0	.0	•0	•0	••	•0	•0			•0	•			•0	.0	.0	
17-19	•0	•0	•0	•0	•0	•0	•0			•0				•0	.0	.0	
20-22	•0	.0	•0		••	.0	•0			•0				•0	.0	.0	
23-25	.0	.0	•0		•0	.0	.0			.0				.0	.0	.0	
26-32	.0			.0	.0	.0	.0			0					.0	ě	
33-40 41-48	.0	.0	•0		.0	.0				ő						.0	
49-60	.0	.0	•0		.č	.0	.0			ě				.0		.0	
61-70	ě		.0		۰٥		.0			.0				•0	.0	.0	
71-86	.0	.0	•0							.0				•0		.0	
87+	:ŏ		.0		.,					.0				•0		.0	
TOT PCT	7.7	30.8	25.0		. 0	.0	67.3			.0	11.			.0	.0	19.2	96.2
	. • ,				• -	. •				-	•	•					•

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HRT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	11.1	11.1	.0	.0	.0	.0	22.2	993
1-2	.0	33.3	3.7	,0	.0	.0	37.0	
3-4	•0	7.4	14.8	.0	.0	.0	22.2	
5-6	.0	.0	11.1	. 0	.0	.0	11.1	
7	·ŏ	.0	3.7	.0	.0	.0	3.7	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	•0	ŏ	.0	.0	ě	
12	•0		.c	2,7		.0	3.7	
13-16		·ŏ			·ŏ	.0		
17-19	.5	.0	.0	ŏ	.0		ō	
20-22	.0	ŏ						
23-25	•0	.ŏ	.0	ŏ	.0	.ŏ	.0	
26-32	.0	.0						
33-40	.0	.0	.0			.0	.0	
41-48	-0	.0	.0				.0	
49-60	.0						:0	
		• 0	•0			.0		
61-70	• 3	•0	.0				.0	
71-86	•0	•0	•0				•0	
87+	.0	•0	.c	•0	.0	.0	.0	
TOT PCT	11.1	51.9	33.3	1,7	.0	.0	100.0	27

PERIO	D: (DV	ER-ALL	) 195	1-1961	,				TABLE	19											
					PERCENT	FREG	WENCY (	F HA	VE HEI	GHT (F1	r) VS (	HAVE P	ERIOD	(SECON	140						
PERIOD (SEC)	<1	1-≥	3-4	5-6	7	1-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-46	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	2.4	9.8	14.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• • •	.0	.0	.0	.0	.0	11	2
6-7	٠.	.0	9.1	2.4	2.4	4.9	.0	.0	•0	.0	•0	•0	.0		.0	.0	.0	.0	.0	•	
, 8-9	•0	2.4	.0	4.7	9.8	.0	•0	2.4	.0	.0	,0	٠.	• • •	• • •	.0	: :	.0	.0	.0		6
10-11	•0	.0	2.4	.0	2.4	2.4	.0	.0	.0	.0	.0	.0	.0	• • •	.0	.0	.0	.0	.0	3	6
12-13	•0	.0	.0	.0	.0	4.9	.0	.0	.0	.0	.0	.0	.0		.0	٠.	.0	.0	.0	2	
>13	•0	.0	.0	2.4	.0	.0	٠.	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0	1	5
INDET	12.2	2.4	.0	.0	4.9	.0	.ö		.0	·ŏ	.0	.0			.0		Ĭ.	.0	.c	•	2
TOTAL	A		11	4		3	ă	ĭ	ă	ĭ	ŏ	ŏ			ā	_	Ö	Ď	Ö	41	
PCT	14.6	14.6	24.8	9,8	19.5	12.2	۰.۵	2,4	٠č	٠ŏ	٠Ŏ	•0			٠ŏ	.Õ	.õ	.ŏ	•0	100.0	

#### FEBRUARY

PERIOD: (PRIMARY) 1864-1973 (OVER-4LL) 1855-1973

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TABLE 1

AREA 0012 SOUTHEAST JAVA 9.05 114.1E

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PERCENT PREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

			,	RECIPI	GITAT	N TYPE					OTHER	WEATHER	PHENO	MENA	
WHD CIR	RAIN	RAIN SHWR	CRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LING	FOG WO PCPN	FOG WD PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST BLWG SNOW	NO SIG WEA
N	.0	7.6	.0	٠.	.0	.0	6.1	13.6	4.5	13.6	.0	.0	•0	•0	74.2
NE	7.1	14.3	.0	.0	.0	.0	•0	21.4	•0	.0	.0	•0	.0	.0	78.4
E	19.6	٠,	.0	.0	.0	.0	.0	19.6	•0	23.5	3.9	•0	•0	.0	60.8
SE	16.0	.0	.0	.0	.0	.0	.0	16.0	•0	.0	8.0	•0	.0	.0	76.0
S	.0	21.6	.0	.0	.0	.0	. C	21.6	.0	10.8	10.8	.0	•0	.0	56.8
Šw	6.9	.0	.0	.0	.0	.0	.0	6.9	•0	4.3	.0	.0	.0	.0	88.8
¥	16.8	2.0	.0	.0	.0		.0	18.8	4.0	8.4	.0	Ŏ	•0	.0	71.0
Ñw	3.5	1.6		.0				5.3	.6	2.9		ŏ	2.3	ŏ	90,1
VAR		0					.0		.0			ŏ	0	ŏ	,ö
		.0							.0				•0		60.0
CALM	20,0	.0	.0	.0	•0	.0	.c	20.0	•0	20.0	.0	•0	•0	•0	80,0
TOT PCT	9.5 179	3.4	.0	.0	•0	•0	.6	13.4	1.7	7.8	1.1	.0	•6	•0	77.7

TABLE 2

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHENDI	HENA		
HOUR (GHT)	RAIN	R4IN SHWR	DAZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR	FDG WD PCPN	FOG WO PCPN PAST HR		SPR BLWG BLWG	DUST	NO SIG WEA
00£03 06£09 12£15 18£21	7.1 14.3 9.4 9.1	5.7 5.7 1.6	.0	•0	.0	.0	.0 .0 3.0	12.9 20.0 10.9 12.1	2.9 1.6 3.0	1.4 .0 14.1 24.2	1.4 2.9 .0	.0 .0	•0 •0 1•6		•0	85.7 74.3 73.4 69.7
TOT PCT TOT DBS:	9.4 202	3.5	.0	.0	•0	.0	.5	13-4	1.5	4.*	1.0	•0	•5		•0	77.2

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		MIN	D SPE	ED EKNI	175)								HOUR	(GHT)			
WND DIR	0-3				34-47	48+	TOTAL Des	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21
N NE	1.9	2.7	.8	•1	.0	•0		4.4 3.9	7.5 4.3	2.4 3.8	5.5 7.0	8.8	3.7	5.8 3.0	2.9	13.5	2.5
E	1.3	3.5	. 5	.0	.0	.0		5.3	5.7	5.0	7.7	3,8	3.3	2.7	4.5	7.7	7.6
SE	1.0	4.2	.7	.0	•0	.0		6.0	6.7	2.1	7.2	1.3	7.1	4.2	3.3	.0	5.1
S	3.0	5.0	. 3	.0	•0	•0		1.3	5.1	4.2	6.6	3.8	7.7	11.0	7.4	7.7	9.7
Sw	2.1	9.7	4.3	.3	• 1	• 0		16.4	1.6	11.4	13.4	15.0	20.2	18.2	14.0	11.5	23.7
W	3.6	14.7	11.4	1.7	.4	•0		31.8	10.7	36.2	28,9	40.0	34.7	30.6	35.5	32.7	26.7
Nu	3.6	7.3	4.4	.9	•1	.0		16.2	9.0	27.1	15.1	27.5	10.3	12.9	16.9	19.2	16.5
VAR	.0	.0	.0	.0	•0	•0		.0	.0	.0	•0	.0	•0	.0	•0	.0	•0
CALM	7.6							7.6	.0	5.7	1,5	.0	6.6	7.5	12.4	7.7	5.1
TOT OBS	226	444	205	26	5	0	906		7.9	105	235	20	121	173	121	13	118
TOT PCT	24.9	49.0	27.6	2.9	.6	•0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TARLE 3A

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 03	HOUR 06 09	(GMT) 12 15	18 21
N	2.6	1.5	.4	.0	.0		4.4	7.5	4.6	4.4	4.6	3.6
NE	3.2	•7	.0	.0	.0		3.9	4.3	5.0	1.8	3.0	2.7
•	3.9	1.4	• 1	.0	.0		5.3	5.7	6,8	3.4	3.5	7.6
ŠE	3.1	2.0	.3	ŏ	.0		6.0	6.7	5.7	8.0	6.2	4.6
Š	6.2	2.0	.1	.0	.0		6.3	5.1	6.5	7.0	9.3	9.5
รีพ	7.4	7.4	1.6	:1			16.4	1.1	12.6	19.5	16.5	22.5
										35.5		
W	9.9	10.0	5.2		.2		31.8	10.7	31.2		32.7	27.3
NW	7.3	6.8	1.9	.3	•0		16.2	9.0	18,8	12.5	14.5	16.5
VAR	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	7.6						7.6	.0	7.0	5.7	9.5	5.3
TOT ORS	469	341	86		2	906		7.9	340	141	294	131
TOT PCT	51.8	37.6	7.5	, š	.ž		100.0		100.0			100.0

FEBRUARY

PRIMARY: Over-all)	1464-197 1855-197						TARLE	4			AREA C	OOLZ SOUTHEAST JAVA 9.05 114.16
			PER	CENTAGE	FREQUE	ENCY OF	WIND !	SPEED BY	HOUR	(GHT)		
	HOUR	CALM	1-3	4-10		SPEED 22-33			HEAN	PCT FREQ	TOTAL OBS	
	00603 06609 12615 19621 TUT PCT	7.6 5.7 9.5 5.3 69 7.6	20.3 16.3 15.6 14.5 157 17.3	48.5 47.5 49.0 51.9 444 49.0	19.7 27.0 22.8 25.2 205 22.6	3.2 2.0 2.7 2.3 26 2.9	• • • • • • • • • • • • • • • • • • • •	.0	7.7	100.0 100.0 100.0 100.0	340 141 254 131 906	

			Ť	APLE 5								T	IRLE 6					
	PCT FRE			CLUUD A D DIREC		(EIGHTHS)		ŧ					CEILIN NH <5/					
MND DIE	0-2	3-4	5-7	8 & 0850n	TCTAL CBS	MEAN CLOUD COVER	000 149	150 299	300 599	999	1000	2000 3499	3500 4999	5000 64 <b>9</b> 9	6500 7999	8000+	NH <5/8 ANY HGT	TOTAL DBS
4	.0	• 2	3.5			7.3	•0	.^	•0	•0	3.5	.0	۰,0	.0	.0	.0	1.5	
¥£		.•2	0			• 0	•0	• ?	.0	.0	.0	•0	.0	•0	.0	.0	.0	
£,	2.0	1.5	3.5			3.4	•0	• 0	•0	•0	•0	2.0	•0	.0	.0	.0	5.0	
ŞŁ	.0	. • 5	.5	•0		4.0	•0	• 0	•0	•0	•0	• 0	.0	•0	• ^	.0	1.0	
Ş	2.0	1.5	•0			1.5	•0	• 0	.0	.0	.0	•0	.0	•0	.0	.0	3.5	
5*	2.5	5.0	5.5			4.0	•0	•0	.0	•0	.5	• 0	.0	. 5	• 0	.0	12.0	
#	9.0	1.5	15.5			5,6	•0	•0	1.5	2.0	11.5	2.0	, c	3.0	.0	.0		
4.4	4.5	5.0	7.5	6.5		5.1	•0	•0	. 5	2.0	4.5	•0	.0	. 5	•0	.0	17.0	
VSR	•0	.0	.0	• 0		•0	•0	.0	.0	• 0	.0	.0	ō	.0	.0		•0	
CAL	2.0	4.0	.0	• 0		2.3	• 0	• 2	.0	• 0	.0	.0	ō	.0	.0	ŏ	6.0	
TOT (18	5 11	10	16	11	50	4.6	ŏ	ťó	ĭ	ž	iŏ	ž	•ŏ	ž	• 6	• 5	33	50

TARLE 7
CUMULATIVE PCT FREG OF SIMULTANEOUS DECURRENCE OF CEILING HEIGHT (NM )4/8) AND VSBV (NM)

				VSBY (NH	1)			
CEILING	● AR	- CR	■ JR	# 7R	• DR	• CR	• CR	e DR
(FEFT)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	•0	•0	.0	.0	٠.	•0	•0	.0
# PR >5000	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
● DR >3500	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
■ DR >2000	5.5	5.5	7.3	7.3	7.3	7.3	7.3	7.3
■ DR >1000	18.2	23.6	27.3	27.3	27.3	27.3	27.3	27.3
# DR >600	20.0	27.3	30.9	30.9	30.9	30.9	30.9	30.9
● DR >300	21.8	29.1	32.7	32.7	32.7	32.7	32.7	32.7
• DR >150	21.8	29.1	32.7	32.7	32.7	32.7	32.7	32.7
# DR > 0	21.8	29.1	32.7	32.7	32.7	32.7	32.7	32.7
TOTAL	12	16	10	10	16	18	16	18

TOTAL NUMBER OF OBS: 55 PCT FRED NH <5/8: 67-3

TABLE 7A

AND THE PARTY OF THE ALL SECTIONS OF THE PARTY OF THE PAR

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSC0 DBS 5,4 14,3 19,6 21,4 7,1 7,1 10,7 1,8 12,5 .0 56

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								FFB	RUARY						
PERIODI	(PRIMARY) 1: (OVER-ALL) 1:							TA	BLE #				ARE	A 0012	SOUTHEAST JAVA 9.05 114.1E
			PI	ERCENT	PREC :					URRENC ALUES				E OF	
	VSBY (NH)		•	NE	E	SE	\$	Sw	•	NH	VAR	CALM	PCT	TOTAL DBS	
		PCP	.0	.0	.0	.0	•0	• 0	.0	.0	.0	•0	.0	•••	
	€1/2	NO PCP	.0	. 0	.0	.0	.0	. 0	.0	.0	.0	.0	.0		
		TOT \$	.c	•0	.0	.0	•0	•0	.0	.0	.0	.0	.0		
		PCP	.0	.0	.0	.0	•0	•0	.0	.0	.0	.0	.0		
	1/241	NO PCP	.0	.0	.0	.0	•0	•0	.0	.0	.0	.0	.0		
		TOT \$	.0	.0	•0	.0	•0	•0	.0	.0	.0	.0	.0		
		PCP	.0	.0	.0	.0	•0		.0	•0	.0	•0	.6		
	1<2	NO PCP	.0	•0	.0	•0	•0	•0	.0	.0	.0	•0	.c		
		TDT \$	•0	.0	•0	•0	•0	•6	•0	•0	.0	•0	.6		
		PCP	.6	.0	.0	.0	•0	• 0	.0	.0	.0	.0	.6		
	2<5	NO PLP	.0	. 6	.6	.0	.6	1.7	.0	.6	.0	.0	3.9		
		TOT &	•6	.6	.6	•0	•6	1.7	•0	.6	.0	•0	4.5		
		PCP	. 3		1.4	.6	1.1	•0	3.1	1.1	•9	.6	4.9		
	5<10	NO PLP	3.4	1.4	1.7	1.4	2.0	6.7	4.7	10.1	.0	•0	31.3		
		TOT #	3.6	2.2	3.1	2.0	3.1	6.7	7.8	11.2	.0	.6	40.2		
		PCP	.4	.0	.0	.0	•0		2.2	.1	.0	.0	3.4		
	10+	NO PCP	4.6	1.1	3.5	1.5	1.5	6.7	10.2	12.0	.0	2.2	51.4		
		TOT %	5.0	1.1	3.5	1.5	1.5	7.3	20.4	12.2	.0	5.5	54.7		

TOT DBS

valletakeit erietekeiseleineakoluurisistaan kaintainisista kan oluutainisista oluutainisista oluutain oluutain

TABLE 9

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.0 2.8 100.0

			1	PERCENT	FREQ	OF WI BRYING	ND DIR VACUE	ECTION S OF V	VS WI	O SPE	ED		
VS8Y (NM)	SPD KTS	N	NE	E	SE	S	SW	w	Nin	VAR	CALM	PCT	TOTAL OBS
•	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•
€1/2	4-10	.0	.0	•0	.0	ō	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	ō	.0	.0	, ò	.0		.0	
	22+	.0	. ŏ	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	•0	.0	-0	.0	.0	.0	•0	.0	•0	.0	
	J-3	.0	•0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.4	.0	.0	•0	•0	.0	.0	.0	.0		.4	
	11-51	.0	.0	•0	•0	.0	.0	.0	.0	۰.		۰,	
	12+	٠.	.0	•0	•0	.0	٠.	۰.	.0	.0		.0	
	TOT \$	.4	.0	•0	•0	•0	.0	.0	•0	•0	•0	.4	
	0-3	.6	.1	•0	.0	.0	.0	.0	-1	.0	.0	,,	
1<2	4-10	.0	.0	.4	•0	.0	.4	.0	.0	.0			
	11-21	.0	.0	•0	•0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	.0	.0	•0	.0	.0	•0	.0		.0	
	TOT %	.6	•1	• 4	•0	.0	.4	.0	-1	.0	•0	1.6	
	<b>3-3</b>	.0	.4	.0	.0	.0	.0	.0	•0	.0	.4	. •	
2<5	4-10	.0	•0	•0	•0	• •	1.2	•0	.4	.0		1.9	
	11-21	.4	•0	• •	.0	•0	.0	.2	.2	.0		1.2	
	22+	.0	•0	•0	.0	•0	0	.0	.0	•0		٠.٥	
	TOT \$	.4	.4	• •	.0	.4	1.2	.2	.6	.0	• •	3.9	
	0-3	.3	. 8	.4	.0	1.6	.0	.4	1.3	.0	.4	5.1	
9<10	4-10			1.8	1.4		4.1	2.9	3.5	.0		16.0	
	11-21	1.5	.0	•0	.0	.0	. 8	2.1	3.0	.0		7.4	
	22+	.0	•0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	2.5	1.6	2.1	1.4	2,3	4.9	5.4	7.8	.0	.4	28,4	
	0-3	.6	1.0	1.4	.4	•4	1.9		1.4	.0	6.2	14.0	
10+	4-10	2.9	1.2	2.7	1.9	1.3	5.4	12.9	5.9	.0		34.2	
	11-21	1.1	.2	.3	.5	.0	2.8	8.7	3.2	.0		16.7	
	22+	.3	•0	•0	•0	.0	0		5	.0			
	TOT \$	4.9	2.3	4.4	2.8	1.7	10.1	22.4	11.0	.0	4.2	45,8	
	OT DES		4.4	7.3	4.2	4.4	16.5	20.0	19.5	.0	7.0	100.0	257

#### FEBRUARY

PER [30:	(PRIMARY)	1864-1973
	(OVER-ALI)	1455-1973

TABLE 10

AREA 0012 SDUTHEAST JAVA 9.03 114.15

ERCENT	FREQUENCY	OF	CF:	ı C I	NG	HEI	GHT	S (FEET, NH	>4/81	AND
	0000				. 4.1			BM 44044B		

HOUR (GMT)	000 149	150 299	300 599	600	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
60300	.0	•0	4.3	•0	.0	.0	.0	.0	.0	•0	8.3	91.7	12
90300	.0	.0	.0	5.9	11.0	5.9	.0	5.9	.0	•0	29.4	70+6	17
12615	.0	.0	.0	7.7	38.5	.0	.0	7.7	.0	.0	53.6	46.2	13
18621	.0	.0	.0	.0	28.6	7.1	.0	.0	٠,	.0	35.7	64.3	14
TOT PCT	.0	.0	1.8	3.6	11	2 3.6	.0	2 3.6	.,	.0	18 32.1	38 67.9	100.0

				TARLE 1	1						TABLE	12		
		PERCENT	FREQUEN	CY V\$8Y	(NM)	BY HCUR		CUMULAT					VSBY (NH) SUCH YREE	
HOUR (GMT)	<b>C</b> 1/2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TCTAL CBS</th> <th>HOUR (GMT)</th> <th>&lt;150 &lt;50YD</th> <th>&lt;600 &lt;1</th> <th>&lt;1000 &lt;5</th> <th>1000+ AND5+</th> <th>NH &lt;5/8 AND 5+</th> <th>TOTAL DBS</th>	2<5	5<10	10+	TCTAL CBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
60300	.0	.0	1.1	2.1	24.5	72.3	94	00603	.0	1.3	16.7	•0	63.3	12
06€09	•0	.0	•0	2.0	30.0	68.0	50	90309	•0	•0	5.9	23.5	70.6	17
12615	.0	1.1	7.3	3.3	33.7	58.7	92	12615	•0	.0	7.7	46.2	46.2	13
10621	.0	٠,	.c	9.1	31.8	59.1	44	18821	•0	•0	15.4	23.1	61.5	13
TOT	0	1	1.4	10	83 29.0	182	200	TOT PCT	0	1.4	10.9	13 23.6	36 65.5	100.0

				т	ARLE 1	3									TABL	E 14			
	PERC	ENT F	REQUEN	CY JF R	ELATIV	E HUMII	DITY BY	TEMP				PER	CENT FR	EONENC	Y DF W	IND DIRI	CTION BY	TE4P	
TEMP F	0-29	30-3	9 40-4	9 50-59	60-69	70-79	80-89	90-100	TOTAL	PCT PREQ	4	NE	£	SE	S	SW	<b>u</b> d 3	AM AV	CALM
85/89 80/84 75/79 70/74 10TAL PCT	• 0		o .	0 .0	1.6	5.5 21.1 .8 .0 35 27.3	45.3 6.3 .8 76	.0 7.0 2.3 .8 13 10.2	18 96 12 2 128	14.1 75.0 9.4 1.6 100.0	.8 7.2 .8 .0	.4	2.0	1.2 2.9 .0 .0	.0	.0		9 .0	2.3
,	4EANS, I	XTREM	ES AND	TAR PERCEN	LE 15 Tiles	OF TEM	P (DEG	F) <b>8</b> Y	HOUR			PERC	ENT FRE	QUENCY	TABLE OF RE		4U4I8ITY	8Y 40U	
HOUR (GMT) 00603 06609 12615 18621 TOT	92 91 93 90 93	99% 91 90 90 88 91	952 89 89 86 85	50% 84 84 83 82 83	5% 79 80 79 79	1x 76 74 77 77 76	74   73   76   75	IEAN T	OTAL CBS 339 139 287 133 898		HOUR (GMT) 00803 06809 12815 18821 TOT	0-29		8.5 4.0 .0	70-7	9 80-81 4 59-6 0 44-6 3 60-6 0 60-6	90-100 8.5 0 12.0 9 10.9 7 14.3		TOTAL 085 47 25 46 28 146

FEBRUARY

PERIOD: (PRIMARY) 1864-1973 (OVER-ALL) 1855-1973

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TABLE 17

AREA 0012 SOUTHEAST JAVA 9.05 114.1E

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PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	85	89	>92	TOT	w	NO
THP DIF	76		84	88	92	-		FÜG	FOG
9/10	.0	.0	.0	.0	.0	.7	1	.0	.7
•	.0	.0	.0	.0	.7	.0	ĭ	.0	• 7
5	.0	•0	.0	1.4	1.4	.0	Ĭ.	.0	2.9
5	.0	•0	.7	2.9	.7	ě	6		4.3
2	.0	.7	5.0	5.0	.0	.0	15	.ŏ	10.8
1 0 -1	.0	•0	6.5	4,3	.0	.0	15		10.8
ŏ	.0	.0	12.2	2.9	.0	ě	Ží	.,	14.4
-1	.0	.7	12.9	2.2	.0		22		
-ż	.ŏ	1.4	17.3	7.7				•0	15.0
						•0	27	•0	19.4
-3	.0	2.9	4.3	.0	.0	•0	10	.0	7.2
-4	1.4	2.2	.0	.0	.0	•0	5	.0	3.6
-5	.0	1.4	2.9	.7	.0	.0	7	• 0	5.0
-6	.0	.7	.0	.0	.0	.0	1	.5	7
-7/-8	.7	.7	.0	.0	.0	.0	ž	.0	1.4
-9/-10	.0	.7	.0	.0	.0	.0	•		.7
-11/-13	.,		.0	.0	.0	.0	:		
		•••		••	•	•0	1	•0	.7
JATET	4		86		•			1	138
		11.5		28		1	139		
PCT	2.9	11.5	A1.0	20.1	2.9	. 9	100.0	-	90 7

PERIOD: (DVER-ALL) 1963-1973

				₽(	T FREO	OF WIND	SPEED	(KTS) AND DIRECTIO	IN VERSUS	SEA HEI	CHTS (FT	)	
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT	1-3 4-	-10 11-2	. NE	· ·		
<1		.0	•0	.0	.0	-0	•0	.0			34-47	40+	PCT
1-2			.0	.0	.0	.0	.0	.0			•0	•0	•0
3-4	. 0	3.6	4.8	.0	ŏ		1.3	ő			•0	•0	•0
5-6	.0	.0	.0	.0	.,	.0	.0	ő			•0	.0	.0
7	.0	.0	.0	.0	ó	.0	ě	ŏ	ŏ		•0	.0	•0
8-9	.0	.0	•0	.0		.0		ŏ			.5	.0	.0
10-11	.0	.0	•0	.0	.0	•0	.0		.0		.5	.0	.0
12	.0	.0	•0	.0	.0	.0	.0	Ĭŏ	iò ;		.5	.0	.0
13-16	•0	.0	.0	.0		•0	.0	.0	.0		.5	.ŏ	
17-19	. 0	.0	•0	.0	.0	.0	.0	•0	.0				
20-22	• 0	.0	•0	•0		.0	• 0	.0	.0		.0	.0	
23-25	.0	.0	•0	.0	• 2	-0	.0	•0	.0		.0	. õ	ě
26-32	.0	.0	•0	.0	• າ	•0	.0	•0	.0	0 .0	.0	.0	.0
33-40	.0	.0	•0	.0	.0	.0	•0	•0	.0	0.0	•0	.0	.0
41-48	.0	.0	•0	.0	.0	•0	•0	•0	.0 .	0.0	,0	.0	.0
49-60	.0	.0	• (	.0	.0	•0	•0	•6	.0		•0	.0	.0
61-70	• 0	.0	•0	.0	.0	•0	•0	•0	.0		•0	.0	.0
71-66	.0	.0	•0	.0	. ?	•0	•0	•0	.0		.0	.0	.0
67+ TOT PCT		.0 3.6	.n 4.8	٠0	.0	•0	.0	•0	.0		.0	.0	.0
101 761	••	3.0	7.0	.0	•0	•0	1.3	•0	.0	•••	•0	•0	•0
нат	1-3			E						SE			
MGT <1		4-10	11-21	22-33	34-47	48+	PCT		10 11-2		34-47	48+	PCT
1-2	.0	11.9	•0	٠.	.0	•0	0	•0	•0		•0	•0	•0
3-4	ě		•0	.0	••	•0	11.9				.0	.0	2.4
5-0	٥٠	:0	•0	.0	.0	•ŏ	•0	•0	•0		•0	•0	•0
7		.ŏ	•0	.0	.0	•0	•0	•0	•0		•0	•0	.0
8-7	ă		•0	.0	.0	.0	•0	• 2	.0		•0	•0	•0
10-11			•0				.0	•0			•0	•0	•0
12	.0	.ŏ	.0	.0	٥				.0		•0	•0	•0
13-16	. 5	.ŏ	ě		.0	.0	ŏ	ŏ			•0	•0	•0
17-19	.0	. 0	.0	.0		.0	.0		.0		•0	.0	•0
20-22	.0	.0	•0	.0	.0	.0	.0		.0		•0	•0	•0
23-25	.0	.0	•0	.0		.0	.0				•0	•0	•0
26-32	.0	.0	.0	. 0	.0	•0			.0		.0	•0	.0
33-40	•0	.0	.0	.0	.0	.0	•0		.0		.0	.0	.0
41-48	.0	.0	.0	.0	.0	•0	.0				•0	:0	.0
49-40	.0	.0	•0	.0	.0	.0	.0		.0		•0	.0	.0
61-70	.0	٠.	•0	.0	.0	•0	.0		.0		•0	ij	.0
71-86	٠.	.0	•0	•0	.0	•0	.0		.0				.0
87+	.0	.0	•0	.0	.0	-0	.0	.0	.0		.0		.0
TOT PCT	٠.	11.9	•0	•0	.0	••	11.9		4			.0	2.4

PERIOD	(0)	ER-ALL)	1963-	1971				- 1	FEBRUARY							
				·					18 (CON1					9,	SDUTHE 08 11	AST JAVA
					T FREG D	F WIND	SPEED	(KTS)	AND DIRE	ECTION	VERSUS	SEA HEIG	HTS (FT)	)		
HGT	1-3	4-10	11-21	5 22-33	34-47	48+	PCT		1-3	4-10		SW 22-33				
<1	.0	.0	.0	.0	.0	7,5	7.0		1.0	4-10			34-47	48+	PCT	
1-2	•0	.0	•0	•0	.0	.0	.0		.0	2.4		•0	•0	.0	.0	
3-4	•0	•0	•0	.0	.0	.0	.0		.0	1.2		.0	•0	.0	7.1	
5=0 7	•0	.0	•0	•0	.0	.0	.0		.0	.0		.0	•0	•0	2.4	
8-9	•0	.0	.0	•0	.0	.0	.0		.0	.0		.0	•0	•0	.0	
10-11	.0	.0	•0	•0	.0	.0	.0		.0	.0		.0	.0	.0	.0	
12	.0	•0	•0	•0	.0	.0	.0		.0	.0		:0	.0	:0	.0	
13-16	.ŏ	.0	•0	.0	•0	.0	.4		. 2	•0			.0		•0	
17-19	.0	.0	•0	•0	•0	.0	.0		.0	•0			, o	.ŏ	.0	
20-22	.ŏ		•0	•0	•0	.0	.0		.0	•0	.0		ő			
23-25	.0	.0	•0	•0	•0	.0	•0		.3	.0	.0	.0	.0			
26-32	.0	.ŏ	.0		.0	•0	.0		• ?	.0	.0	.0	.0	.0		
33-40	.0	.0	•0	•0	•0	.0	•0		•0	•0	•0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0		•0	•0	• 9	.0	.0	.0	.0	
49-60	.0	.0	.0		.0	:6	•0		•0	٠.	•0	.0	.0	.0	.0	
<b>♦1~70</b>	.0	.0	.0		.5		.0		•0	•0	•0	.0	•0	.0	.0	
71-86	.0	.0	.0	.0	ó	:0	.0		•0	•0	•0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	ě		.0		•0	:0	.0	.0	•0	.0	.0	
TOT PCT	.0	.0	• 0	•0	.0	.0	.0		.0	3.4	.0	•0	•0	.0	•0	
					•	•••	••		••	,,,	6.0	.0	•0	.0	9.5	
HGT	1-3	4-10	11-21	₩ 22~33	34-47	48+						NW				TOTAL
<i< td=""><td>.0</td><td>.0</td><td>•0</td><td>.0</td><td>.0</td><td>.0</td><td>PCT</td><td></td><td>1-3</td><td>4-10</td><td>11-21</td><td>22-33</td><td>34-47</td><td>48+</td><td>PCT</td><td>PCT</td></i<>	.0	.0	•0	.0	.0	.0	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
1-2	.0	11.9	4.8	•0	•0	.0	16.7		•0	•0	•0	.0	•3	.0	.0	
3-4	.0	7.1	8.3	.0		:0	15.5		•0	0	•0	.0	•0	.0	.0	
5-6	.0	.0	14.3		ě	ě	14.3		.0	11.9	2.0	.0	•0	.0	11.9	
7	.0	.0	•0	•0	.0	.0			• 0	.0	9,5	•0	• 5	•0	9.5	
8-9	•0	.0	•0	•0	.0	.0	.0		ő	•0	••	•0	•0	•0	•0	
10-11	•0	.0	•0	-0	-0	.0	.0		.0	•0	•0	•0	•0	•0	•0	
12 13-16	•0	.0	•0	•0	•0	.0	.0		. 6		.0	•0	•0	•0	•0	
17-19	.0	٠,	•0	•0	.0	.0	.0		.0	,0		.0	•0	.0	.0	
20-22	.0	.0	•0	•0	•0	•0	.0		.0			.0	.0	:0	•0	
23-25	. 5	.0	•0	•0	.0	•0	.0		.0	.0			.0	ŏ	•0	
26-32	Ö	.0	•0	•0	•0	•0	.0		•0	•0			.0	.0	.0	
33-40	č	.0	•0 •0	•0	•0	.0	.0		•0	•0	.0	.0	•0	:0	.0	
41-48	ō	:6	•0	•0	•0	•0	•0		.0	• ?	.0		.0	ö	.0	
49-60				•0	•0	.0	.0		.0	.0	.0		.0		.0	
61-7C	Ĭ	.0	•0	.0	.0	•0	•0		•0	•0	.0	.0	ŏ		.0	
71-86	.0	.0	.0	:0	•0	٠,	.0		•0	•0	•0	.0	•0	.ŏ		
87+	.0	. ö	•0	.0	•0	••	•0		• 0	•0	.0	.0	.0	.o	, 6	
TOT PCT	.0	19.0	27.4	.0	.0	.0	46.4		•0	0	.0	.0	•0	.0	.0	
					••	••	-044		.0	11.9	9.5	•0	•0	.0	21.4	100.0

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34=47	48+	PCT	TOT
<1	16.0	.0	.0	.0	.0			085
1~2	.0	24.0	9.0	ě	:0	.0	16.0	
3-4	.0	20.0	12.C	.0			32.0	
5-0	.0		20.0			•0	32.0	
7	.0	.0		•0	.0	•0	20.0	
4-9	.0		•0	•0	.0	.0	•0	
10-11		•0	٠C	•0	.0	.0	.0	
15	•0	•0	•0	•0	.0	.0	.0	
	.0	•0	•0	.0	.0	.0	.0	
13-16	.0	•0	•0	•0	.0	.0	.0	
17-19	.0	.0	.0	.0	-0	.0	.o	
20-22	.0	.0	.0	.0	.0	.0	.ŏ	
23-25	.0	.0	.0	.0	.0	.0		
26-32	.0	.0	.0	ŏ	.0	ő	ö	
33-40	-0	.0	•0	ő		.0		
41-48	.0			.0	.0		.0	
49-60	ij	ě	.0			•0	•0	
61-70	.ŏ	.0		•0	-0	•0	.0	
71-46	·ŏ		•0	•0	.0	.0	.0	
97+		•0	+0	•0	.0	.0	.0	
3/4	•0	•0	.c	•0	.0	.0	.0	
TOT PCT	10.0	44.0	40.0	.0	.0	.0	100.0	25

PERIOD: (OVER-ALL) 1950-1973 TABLE 19 PERCENT PREGUENCY OF WAVE MEIGHT (FT) VS WAVE PERIOD (SECONDS) PERIOD (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 3-4 5-6
11.4 4.5
6.8 11.4
2.3 9.1
2.3 2.3
4.5 2.3
.0 .0
2.3 .0
13 13
29.5 29.5 7 .0 4.5 6.8 6.8 .0 .0 .0 .0 .8 13.2 8-9 10-11 .0 .0 2.3 .0 2.3 .0 1-2 6.8 .0 .0 .0 2.3 2.3 .0 .0 .0 .0 .0 .0 000000000 .......... 0000000000 0000000000 0000000000 000000000 000000000 000000000 000000000 0000000000 0000000000

(DVER-AL	() 1A	71-1469	,					HA	RCH								
	1) 18	38-1969	•						LE 1					•	\$001 •0\$	THEAST JA 114.3E	VA
							UENCY	DF WEATH	FR DCCURE	ENCE	BY W	10 ON1	RECTIO	N			
WND DIR	RAIN	. MAIN		PRECIP:								BTHE	R WEAT	HER PH	12 NOM	IENA	
		SHNR		PRZG PCPN		GTHER FRZN PCPN		PCPN A OB TIM			THDR LTNG	FOG 40 PCPN	FJG PCPN PAST			SPRAY BLWG DUS BLWG SND	
N NE E	0. 0. 0.5	16.1	0	.0	.0	.0	.0	9.5 16.1	•0	ı	.0	2.7 6.5		.0	•0	•0	87.6 77.4
še S	17.9	12.6		.0	.0	.0	.0	4.0 30.8 13.2			15.4	4.0		•0	•0	•0	76.0 53.0
Sh W	7.7 7.1	2.4	• 0	.0	.0	.0	.0	12.8	.0 .0 2.4		5.1	.0		•0	•0	•0	81.6
VAR	4.6	0	.0	.0	.0	.0	.0	4.6	.0		9.2	••			2.3	•0	86.9
CALP	11.1			.0	•0	.0	.c	11-1	•0		11.1	:6		Ö	•0	•0	77.8
TOT PCT TOT CBS:	182		.0	.0	•0	•0	.0	11.5	2,7		6.0	1.1	•	.0	.5	•0	80.2
								TAI	SLE 2								
							FREQUE	NCY OF 1	EATHER D	CCURR	ENCE	<b>8</b> Y HDL	IR				
HCUR		PAIN		RECIPI		_						OTHER	WEATH	IER PH	ENON	ENA	
(T <sup>©</sup> 0)		CHWR	DR7L	FRZG PCPN		OTHER FRZN PCPN	HAIL	PCPN AT			THOR	FOG NO PCPN	FOG N PCPN PAST	H		SPRAY BLWG DUST BLWG SNOW	
06609	5.8 5.3 10.7	5.8 7.0 7.1	.0	.0	•0	:0	.0	11.6	4.3 2.6		1.4	2.9		0	•0	•0	79.7 89.5
15381	.0	7.3	.0	:0	.0	.0	.c 0.	17.9 7.3	1.8 .0	1	7.1 14.6	.0			•0	.0	76.8
TOT PCT	5.9 204	>.9	•0	.0	•0	.0	.0	11.6	2.5		5.9	1.0		0	.5	•0	80.4
WND DIR	0-3	#IND 4-10 1	SPEED 1-21 2	IKNOTS	;		TOTAL	PCT P	LF 3 Ection by	SPEE			HOUR	(GNT)			•
8	1.6	4-10 1 3.7	SPEED 1-21 2	1KNQTS 2+33 34	••••	<b>48</b> + '		FREQ :	ECTION BY EAN SPD 6.2	00	03	06	H3UR 09	12	1	5 18	21
	1.6 1.5 2.0	4-10 1 3.7 3.2 7.2	.7 .3 2.0	1KN075 2-33 34	.0	•0	TOTAL	PCT PFREQ :	ECTION BY EAN SPD 6.2 6.9 1	00 4.9 4.1 0.6	5.6 6.7 14.9	06 16.7 .0 20.8	HOUR 09 1.5 5.4 11.4	6.6 6.8 9.8	7 2 11	.2 10.9 .8 5.4 .7 21.7	7.5
NE E	1.6 1.5 2.0	4-10 1 3.7 3.2	SPEED 1-21 2	1KN075 2-33 34	.0	.0	TOTAL	#CT #FREQ : 5.0 : 12.0 : 17.9 : 17.9 : 9.7	EAN SPD 5.0 5.9 1.9 2.5 1.5	00 4.9 4.1 0.6 1.4 2.4	5.6 6.7 14.9 17.3	06 16.7 .0 20.8 1.4 5.6	HOUR 09 1.5 5.4 11.4 20.3	6.6 6.8 9.8 18.8	1 7 2 11 16	.2 10.9 .8 5.4 .7 21.7 .7 4.3	7.5 2.8 8.5 19.3
NE E SE Su u Nu	1.6 1.5 2.6 3.9 3.2 2.7	3.7 3.2 7.2 11.3 5.9 6.5 10.3 5.5	SPEED 1-21 2: -7 -3 2.0 2.7 -6 2.0	1KNOTS 2-33 34	.0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0	TOTAL	PCT PFREQ : 12.0   17.9   11.9   21.2   19.2	EAN SPD 5.00 10.00 11.00	00 4.9 4.1 0.6 1.4 2.4 0.9	5.6 6.7 14.9 17.3 11.4 9.9	06 16.7 .0 20.8 1.4 5.6	HOUR 09 1.5 5.4 11.4 20.3 10.9 14.4 25.2	6.6 6.8 7.8 16.8 19.8	7 2 11 16 5 12 25	.2 10.9 .8 5.4 .7 21.7 .7 4.3 .6 8.7 .2 5.4	7.5 2.8 8.5 19.3 9.4 12.7 20.8
NE E SE Su Nu VAR CALM	1.6 1.5 2.8 3.9 3.2 2.7 1.2	4-10 1 3.7 3.2 7.2 11.3 5.9 6.5 10.3	SPEED 1-21 2: -7 -3 2.0 2.7 -6 2.0 6.3 1.9	1KNQTS 2-33 34 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	+8+ +0 +0 +0 +0 +0 +0 +0 +0 +0 +	TOTAL Des	PCT PFREQ :	ECTION BY EAN SPD 6.2 5.0 6.9 1 6.9 1 7.1 1 1 1 1 1 1 1 1 1 1 1 1 1	00 4.9 4.1 0.6 1.4 2.4 0.9	5.6 6.7 14.9 17.3 11.4 9.9 16.1 8.5	06 16.7 .0 20.8 1.4 5.6 .0 35.9 5.6	HOUR 09 1.5 5.4 11.4 20.9 10.9 14.4 25.2 5.9	6.6 6.8 9.8 18.8 8.3 19.8 19.8	7 2 11 16 5 12 25 7	.2 10.9 .8 5.4 .7 21.7 .7 4.3 .6 8.7 .2 5.4 .0 28.3 .8 10.9	7.5 2.8 8.5 19.3 9.4 12.7 20.8 12.3
NE E SE Sh Nh Nh CALP TOT UBS	1.65	4-10 1 3.7 3.2 7.2 11.3 5.9 6.5 10.3 5.5 .0	SPEED 1-21 2: -7 -3 2.0 2.7 -6 2.0	1KNOTS 2-33 34	.0 .0 .0 .0 .0 .0 .0 .0 .0	••••••	TOTAL DBS	PCT PFREQ :	ECTION BY 500 500 500 500 500 500 500 100 1	00 4.9 4.1 0.6 1.4 0.9 8.8 2.4 0.5 5.7	03 5.6 6.7 14.9 17.3 11.4 9.9 16.1 8.5	06 16.7 .0 20.8 1.4 5.6 .0 35.9 5.6	HOUR 09 1.5 5.4 11.4 20.3 10.9 14.4 25.2 5.9	12 6.6 6.8 9.8 16.8 8.3 15.8 9.2	7 2 11 16 5 12 25 7 11	.2 10.9 .8 5.4 .7 21.7 .7 4.3 .6 8.7 .2 5.4 .0 28.3 .8 10.9	7.5 2.8 8.5 19.3 9.4 12.7 20.8 12.3
NE E SE Sh H Nh Nh CALP TOT UBS	1.65	4-10 1 3.7 3.2 7.2 11.3 5.9 6.5 10.3 5.5 .0	39EED 2: 1-21 2: 2.7 2.0 6.3 1.9 1.0 122	1KNUTS 2-33 34 .0 .0 .0 .0 .0 .0 .3 2.0 .6	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0	TOTAL DBS	PCT M FREQ 12-0 17-9 17-9 17-9 21-2 17-9 7-0 00-0	ECTION BY 500 500 500 500 500 500 500 100 1	00 4.9 4.1 0.6 1.4 0.9 8.8 2.4 0.5 5.7	03 5.6 6.7 14.9 17.3 11.4 9.9 16.1 8.5	06 16.7 .0 20.8 1.4 5.6 .0 35.9 5.6	HOUR 09 1.5 5.4 11.4 20.3 10.9 14.4 25.2 5.9	12 6.6 6.8 9.8 16.8 8.3 15.8 9.2	7 2 11 16 5 12 25 7 11	.2 10.9 .8 5.4 .7 21.7 .7 4.3 .6 8.7 .2 5.4 .0 28.3 .8 10.9	7.5 2.8 8.5 19.3 9.4 12.7 20.8 12.3
NE E SE SS N NA CALP TOT UBS	1.65	4-10 1 3.7 7.2 11.3 5.5 10.3 5.0 396 53.6	39EED 2: 1-21 2: 2.7 2.0 6.3 1.9 1.0 122	(KNDTS 2-33 34 .0 .0 .0 .0 .0 .3 2.0 .6 .0	.0 .0 .0 .0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	TOTAL DBS	PCT PFREQ : 6.00   5.00   12.00   12.00   12.00   12.00   17.9   9.7   11.9   21.2   21.00   7.00   00.00   TABL	ECTION BY  EAN  5-0  5-2  5-0  5-1  10  10  10  TOTAL	00 4.9 4.1 0.6 1.4 0.9 8.8 2.4 0.5 5.7	03 5.6 6.7 14.9 17.3 19.9 18.1 8.5 171 00.0	16.7 .0 20.8 1.4 5.6 .0 35.9 5.6 .1 18 100.0	HOUR 09 1.5 5.4 11.4 20.3 10.9 14.4 25.2 5.9	12 6.6 6.8 9.8 16.8 8.3 15.8 9.2	1 7 7 2 11 16 5 2 2 5 7 11 100 (GM)	.2 10.9 .8 5.4 .7 21.7 .7 4.3 .6 8.7 .2 5.4 .0 28.3 .8 10.9 .0 .0 .0 .0 .0 .0 .0 .0	7.5 2.8 8.5 19.3 9.4 12.7 20.8 12.3
NE E SE SS N NA CALP TOT UBS	1.65	4-10 1 3.7 3.2 7.2 15.9 6.5 10.3 5.5 .0 396 53.6	SPEED 2: 1-21 2: 2.7 2.7 2.6 3.1 4.6 1.2 16.9 DIR	EKNDTS 2-33 34 .0 .0 .0 .0 .0 .0 .0 .2 .0 .0 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	00000000000000000000000000000000000000	***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  ***  **  ***  *	TOTAL DBS	PCT FREQ : 6.0 : 12.0 : 17.9 : 17.9 : 17.0 :	ECTION BY  EAN  5-0  5-2  5-0  5-1  10  10  10  TOTAL	000 4.9 4.10 11.4 22.4 8.8 2.4 9.7 9.7 1	03 5.6 6.7 14.9 9.9 18.3 .0 7.6 100.0	16.7 20.8 1.4 5.6 .0 35.9 5.0 11.1 11.1 100.0	Hgur 09 1.5 11.4 20.3 10.4 25.2 5.0 101 100.0	12 6.6 9.8 18.8 18.3 18.0 9.2 6.8 133 100.0 MDUR 00 09	1 7 2 11 16 6 3 12 25 7 7 11 100	.2 10.9 .8 5.4 .7 21.7 .7 4.3 .6 8.7 .2 5.4 .0 28.3 .8 10.9 .0 .0 38.3 .0 10.0 .0 .0 .1 4.3 .0 100.0	7.5 2.8 8.5 19.3 9.4 12.7 20.8 12.3
NE E SE Sh Nh Nh CALP TOT UBS	1.65	4-10 1 3.7 3.2 7.2 7.2 5.9 6.5 10.3 5.5 .0 396 \$3.6	SPEED 2: 1-21 2: -730 2:760 39 10:00 12:90 DIR NEFSE	EKNDTS2-33 34  .0 .0 .0 .0 .0 .0 .2 .0 .0 .0 .3 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	00000000000000000000000000000000000000		739 ] (KNDTS 28~40	PCT FREQ : 6.00   12.00   12.00   12.00   12.00   17.9   9.7   12.12   21.2   21.2   21.2   21.2   21.2   12.00   12.0	ECTION BY  EAN  SPD  6-2  6-2  6-3  6-3  6-3  7-1  10  10  E 9A  TOTAL  DBS	000 4.9 401.6 401.6 400.9 8.8 8.0 9.0 9.0 10.0 10.0 10.0 10.0 10.0 10.0	5.6 6.7 17.3 11.4 9.9 18.5 .0 171 00.0	06 16.7 20.8 1.4 5.6 .0 35.9 5.9 11.1 18	HOUR 09 1.5 5.4 11.4 20.9 14.4 25.2 5.9 .0 101 100.0	12 6.8 7.8 15.8 15.0 9.2 6.8 133 100.0 HDUR 09 3.8 4.6	1 7 2 11 16 5 12 25 7 7 11 1000	.2 10.9 .8 5.4 .7 21.7 .7 4.3 .6 8.7 .2 5.4 .0 28.3 .8 10.9 .0 1 4.3 .9 23 .0 100.0	7.5 2.8 8.5 19.3 9.4 12.7 20.8 12.3
NE E SE Sh H Nh VAR CALM TOT UBS	1.65	4-10 1 3.7 3.2 7.2 7.2 7.2 5.5 5.5 10.3 5.5 10.3 5.5 10.3	SPEED 2: 1-21-7-30-2-7-60-39-0-1-0-2-9-0-1-0-2-9-0-1-0-2-9-0-1-0-2-9-0-1-0-2-9-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0	EKNDTS2-33 34  -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	00000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	739 ] {KNDTS 28-40	PCT FREQ :	ECTION BY  EAN SPD  6-2 6-2 6-5 6-9 1 7-1 1 10 1 10 1 10 1 10 1 1 1 1 1 1 1 1 1	000 4.9 4.1 10.6 11.4 20.3 82.4 20.3 82.4 97 0.0 11.9 97 11.9 97.9 97.9	03 5.6 6.7 17.3 9.9 18.1 7.0 17.1 00.0 HEAN SPD 6.2 5.6 6.9 9.5 15.5	06 16.7 .0 20.8 1.4 5.6 .0 39.9 5.6 .0 11.1 11.1 100.0	Haur 09  1.55 5.4 11.4 20.3 10.9 25.9 10.0 5.0 5.0 5.0 5.0 101 100.0	12 6.6 6.8 9.8 16.8 8.3 119.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1 7 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.2 10.9 .8 5.4 .7 21.7 .7 4.3 .6 8.7 .2 5.4 .8 10.9 .0 .0 .1 4.3 .0 100.0 .0 .0 .1 4.3 .0 100.0 .0 .0 .1 4.3 .0 100.0	7.5 2.8 8.5 19.3 9.4 12.7 20.8 12.3
NE E SE Sh Nh Nh CALP TOT UBS	1.65	4-10 1 3.7 3.2 7.2 7.2 7.2 5.5 5.5 10.3 5.5 10.3 5.5 10.3	SPEED 2: 1-21 2: 2:07 6:39 0 1:09 12:9 DIR NEESS	EKNDTS2-33 34 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	739 1 (KNDTS 28-40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PCT FREQ : 6.0   12.0   17.9   17.9   17.0	ECTION BY  EAN SPD  6-2 6-2 6-5 6-9 1 7-1 1 10 1 10 1 10 1 10 1 1 1 1 1 1 1 1 1	00 4.91 4.01 4.01 4.01 4.01 4.01 6.01 6.01 6.01 6.01 6.01 6.01 6.01 6	03 5.67 14.9 17.3 9.9 18.1 7.0 17.1 00.0 MEAND 6.95 7.1 10.9	06 16.7 .0 20.8 1.4 5.6 .0 39.9 5.6 .0 11.1 11.1 100.0	HOUR 09  1.55 5.4 11.4 210.9 14.4 225.9 00 03 5.3 5.3 18.8 11.8 10.1	12 6.66 6.88 9.88 16.8 19.2 9.2 9.2 9.2 100.0 6.8 133 100.0 9 3.8 4.6 17.4 12.8 17.4 12.2 27.3 3.9	1 7 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.2 10.9 .8 5.4 .7 21.7 .7 4.3 .6 8.7 .2 5.4 .0 28.3 .8 10.9 .0 1 4.3 .0 100.0 .1 4.3 .0 100.0 .1 4.3 .1 12.1 .1 12.1 .1 12.1	7.5 2.8 8.5 19.3 9.4 12.7 20.8 12.3
NE E SE S NH NA NA CALM TOT UBS	1.65	4-10 1 3.7 3.2 7.2 7.2 7.2 7.3 5.5 10.3 5.5 10.3 5.5 10.3 5.6 53.6	SPE 2: 730760390 2: 50.390	FKNDTS2=33 34 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10-47 .00 .00 .00 .00 .00 .00 .00 .0	**************************************	739 1 (KMDTS 28-40	PCT FREQ : 6.0   12.0	ECTION BY  EAN  5-0  5-0  5-0  5-0  5-0  5-0  5-0  5-	00 44.1 40.0 44.1 12.4 12.4 12.4 12.4 12.4 12.4 12.4	03 5.6 6.7 17.3 19.9 16.1 8.5 7.6 10.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	06 16.7 .0 20.8 1.4 5.6 .0 39.9 5.6 .0 11.1 11.1 100.0	HQUR 09 1.55 5.4 11.4 20.3 10.9 14.4 25.9 0.0 101 100.0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	12 6.6 6.8 9.8 18.8 3.3 15.8 9.2 .0 8.6 13.3 100.0 0 0 0 0 0 0 12.8 17.4 10.1 12.2 17.4	1 7 7 2 1 1 1 1 6 5 1 2 2 2 5 7 7 1 1 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1	.2 10.9 .8 5.4 .7 21.7 .7 4.3 .6 8.7 .2 5.4 .0 28.3 .8 10.9 .1 4.3 .9 23 .0 100.0 .1 4.3 .1 10.0 .1 10.0	7.5 2.8 8.5 19.3 9.4 12.7 20.8 12.3

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PERIOD: (PRIMARY) (OVER-ALL)	1871-196 1858-196						TABLE	4			AREA	0012	HEAST 114.3	
			PER	CENTAGE	FREQU	ENCY OF	WIND !	SPEED BY	HOUR	(GMT)				
	HOUR	CALH	1-3	4-10		SPEED 22-33			PEAN	PCT FREQ	TOTAL OBS			
	00603 06609 12615 18621 TUT PCT	6.7 5.9 8.5 6.2 52 7.0	23.9 12.6 20.2 18.6 148 20.0	51.9 58.8 52.9 53.5 396 53.6	14.9 17.6 15.2 20.9 122 16.5	2.6 5.0 3.1 .8 21 2.8	• (	0 .0	0.1 7.1	100.0 100.0 100.0 100.0	266 119 223 129 739			

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TABLE 6

•	CT FRE			CIQUD A		(EIGHTHS) MEAN		1					CEILIN NH <5/					
MND DIW	0-2	3-4	5-7	3 & 00280	TOTAL CBS	COVER	000 149	15n 294	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7 <b>999</b>	<b>#</b> 000+	NH <5/8 ANV HGT	
N NE E SE	1.1 1.4 5.8	1.4 .0 6.5	4.0 .0 5.8 2.9	2.5 1.8 1.4 4.3		5.8 4.4 4.0 6.0	•0 •0 •0	1.1 .4 .0	.0	.0	.0 1.4 2.9 2.9	2.9 .0 .0	.0 1.4 1.4	•0	•0	•0 •0	5.1 1.4 15.2 3.6	
S SW W	1.4 4.0 3.3 5.8	.0 4	.0 1.4 9.8	2.9 .0 5.8		4.2 3.1 4.9	•0	•0	.0 0 1.4	1.4	.0 1.4 1.4	•0	.0	•0	•0	•0	5.4 3.6 18.1	
NH VAR CALH TOT UBS TOT PCT	1.8 .0 2.9 19 27.5	2.9 .0 .0 14 20.3	3.6 .0 2.9 21 30.4	1.4 .0 1.4 15 21.7	49 100.0	4.7 .0 4.8 4.7	•0	.0 .0 1	.0 .0 .0 1	.0 1.4 5 7.2	2.9 10 14.5	1.4 •0 •0 7	1,4 ,0 ,0 3	••••	•0	•0	9.4 .0 2.9 42 60.9	69 100•0

TARLE 7

# CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING MEIGHT (NM >4/8) AND VSBV (NM)

				VSBY (NH	1)			
CEILING	• OR	- DR	# OR	- OR	● DR	• DR	• OR	= DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
- OR >6500	.0	•0	.0	.0	.0	.0	.0	.0
■ DR >5000	.0	.0	•0	.0	.0	.0	.0	.0
● DR >3500	5.0	5.6	5.6	5.6	5.4	5.6	5.6	5.6
■ DR >2000	12.7	15.5	15.5	15.5	15.5	15.5	15.5	15.5
# DR >1000	25.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6
# DR >600	31.0	35.2	36.6	30.6	36.6	36,6	36.6	36.6
# NR >300	32.4	36.6	38.0	38.0	38.0	30.0	38.0	38.0
# DR >150	32.4	36.6	38.0	39.4	39.4	39.4	39.4	39.4
• 08 > 0	32.4	36.6	38.0	39.4	39.4	39.4	39.4	39.4
TOTAL	23	26	27	28	28	28	28	28

TOTAL NUMBER OF OBS: 71

PCT FRED NH <5/8:

60.6

#### TABLE 74

## PERCENTAGE PRES OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 9 6 7 8 DBSCD TOTAL OBS.
6.8 15.1 20.5 8.2 11.0 9.6 12.3 5.5 71.0 .0 73

3.1

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PERIOD:	(PRIMARY) 1 (OVER-ALL) 1							TA	BLE B				ARE	A 0012	SDUTHEAST JAVA 9.05 114.3E
			PE	RCENT	FREQ PREC	OF WIN	D DIRE	CTION Th Var	VS DCC YING V	URRENCE ALUES E	OR N	ON-OCC	URRENC Y	E OF	
	VSBV (NR)		N	NE	£	SE	5	Sw	W	Nw	VAR	CALH	PCT	TOTAL	
	<1/2	PCP NO PCP TOT X	.0	.0	.0	.0	•0	•0	.0	•0	•0	•0	•0		
	1/2<1	PCP NO PCP TOT %	.0	.0	.0	•0	•0	•0	•0	.0	•0	.0 .0	•0		·
	1<2	PCP ND PCP TOT %	.0	.1 .0 .1	.0	•0	•0	•0 •0	.0	.0 .3 .3	.0	•0	.5 .5 1.1		
	2<5	PCP NO PCP TOT %	.0	•0	1.1 1.1	•0	•5 •0 •5	•0 •1 •1	.5 .4 1.0	.0	.0	•0	1.1 1.6 2.7		
	5<10	PCP ND PCP TOT %	.5 3.3 3.8	1.6 1.6	4.7 5.2	2.2 .8 3.0	.8 2.3 3.2	1.4 6.3 7.7	1.1 11.0 12.1	4.0 4.5	.0	.5 .5 1.1	7.7 34.6 42.3		
	10+	PCP NO PCP TOT %	.0 5.9 5.9	.5 1.9 2.5	.0 7.4 7.4	1.1 6.6 7.7	•0 6•7 6•7	2.9 2.9	.5 9.2 9.8	7.1 7.1	•0	3.8 3.8	2.2 51.6 53.8		
		TOT CAS TOT PCT	10.2	4.3	13.7	10.7	10.4	10.7	23.1	12.0	•0	4,9	100.0	182	

VSBY	SPD	N	NE	£	SE	S	SW	W	NW	VAR	CALH	PCT	TOTAL
(NH)	NTS 0-3		_	.0			•	.0	.0			.0	BAS
<1/2	4-10	.0	.0	:0	.0	•0	.0	:0	:0	.0	•0	:6	
11/6	11-21	.0	.ŏ	٠٥	.0	ĕ	.ŏ		.0			.0	
	22+	.0		.0	.0	·ŏ	.ŏ		ö	.õ		iŏ	
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.ŏ	•0	ŏ	
	0-3	.0	.0	•0	.0	.0	.5	.3	.0	.0	.0	,4	
1/2<1	4-10	.4	.0	•0	.0	.0	.0	.4	• 0	.0			
	11-21	.0	.0	•0	.0	•0	.0	.0	•0	•0		.0	
	22+	.0	٠.	•0	•0	•0	.0	.0	.0	.0	_	. • 0	
	TOT \$	.4	.0	•0	•0	•0	.5	•7	.0	.0	.0	1.5	
	0-3	.0	.4	• 0	.0	.0	.0	.0	•0	.0	-0	.4	
1<2	4-10	.3	.1	.0	•0	•0	.0	.2	.2	٠.		•	
	11-21	.0	.0	•0	•0	•0	.0	•0	.0	.0		.0	
	22+ 101 %	.0	.0	.0	.0	:0	.0	.0	.0	:0	.0	1.1	
	0-3	_			_	•		.3					
2<5	4-10	.0	.0	.0	•0	.0	.1	.0	.0	.0	•0	1.5	
243	11-21	.ŏ			.0		:ŏ	.0	.0	:0			
	22+				:0	٥		.4		ŏ			
	TOT %		.0		.ŏ	ï	ä	.7	.0	,ŏ	•0	2.3	
	0~3	.4	.4	2.1	1.0	.6	1.9	.6	.0	.0	1.5	8.4	
5<10	4-10	1.9	1.1	2.1	1.0	1.3	2.6	5.4	1.3	.0		16,8	
	11-21	- 4	.0	.2	.6	.5	- 9	2.6	1.8	.0		6,9	
	22+	.0	0	.0	.0	.0	.2	_,*		.0		1.5	
	TOT %	2.7	1.5	4.4	2.5	2.4	5.5	9.4	3.7	•0	1.5	33.6	
	0-3	2.3	1.5	1.4	2.6	2.9	.0		1.9	.0	5.0	18,3	
10+	4-10	4.1	2.3	5.8	4.5	3.0	2.7	7.1	5.4	.0		34,7	
	11-21	1.1	•0	1.3	1.9	1.0	7.7	2,8	٠,٢	٠,٥		8,0	
	22+ TOT \$	.0 7.5	3.8	.0	.0	6.8	3.3	11.0	7.4	.0	5.0	61.5	
	101 *		3.0	•••	•••	0.5				••	3.0	~	
	TOT DAS	10.0		13.7	10.5	9.9	• •	21.9	11.4	.0		100.0	262
	101 PC1	10.9	5.8	1501	10.5	7.7	9.4	24.7	44.7		0.3	100.0	

PERIOD:	(PRIMARY)	1871-1969
	INVER-ALL V	1848-1949

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PERCENT	FREQUENCY OF			>4/81	AND
		ENPR ME N			

HOUR (GHT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3575 4909	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL
60300	.0	.0	.0	11.1	11.1	11.1	5.6	.0	.0	•0	38.9	61+1	10
06609	.0	.0	.0	12.5	6.3	12.5	.0	.0	.0	•0	31.3	68.8	16
12615	.0	.0	.0	•0	35.3	5,9	5.9	.0	•0	•0	47.1	52.9	17
16621	.0	4.5	4.5	4.5	4.5	9.1	9.1	•0	.0	•0	36.4	63.6	22
TOT	0	1.4	1.4	5.8	10	9.7	4.5	0	0	0	28	45	73

PREIODI (PRIMARY) 1871-1998  TABLE 10  PRECODI (PRIMARY) 1871-1998  PRECOD																					
PERIOD: (PRIMARY) 1871-1980											PAH	<b>ACH</b>									
PERCENT FREQUENCY OF CRICING HEIGHTS (FEET,NH >4/8) AND COUNTRINE OF NM <5/8 by HOUR    HOUR   149   299   399   999   1999   3499   4499   4499   6499   7999	: CD1 R3	(PRIMA	RY) 1 ALL) 1	871-196 858-196	,9 69						TABLE	r 10				AREA O	)012 S'	DUTHEA OS 11	ST J/	,VA	
HOUR (CHT) 149 299 399 999 1999 3499 4899 6899 7999 8000+ TOTAL ANY HOT OBS  OCCO3 .0 .0 .0 11:1 11:1 11:1 5.6 .0 .0 .0 .0 38.9 61:1 18  OCCO3 .0 .0 .0 .0 12:5 6.3 12:5 .0 .0 .0 .0 .3 31.3 69.8 16  12615 .0 .0 .0 .0 35.3 5.9 3.9 .0 .0 .0 .0 36.4 63.6 22  TOT 0 1:4 1.4 6.8 13:7 9.6 5.5 .0 .0 .0 36.4 63.6 22  TOT 0 1:4 1.4 6.8 13:7 9.6 5.5 .0 .0 .0 38.4 61.6 100.0  TABLE 11  TABLE 12  CUMULATIVE PCT FREQ OF RANGES OF VSAY (AH) AND/OR CEILING HOT (FEETAM 24/8)) BY HOUR (CHT)  (CHT) 10 3.3 37.0 58.7 92 00603 .0 .0 11:1 27.8 61.1 18  OCCO3 .0 1.1 .0 3.3 37.0 58.7 92 00603 .0 .0 11:1 27.8 61.1 18  OCCO3 .0 1.1 .0 3.3 37.0 58.7 92 00609 .0 .0 12.5 18.8 68.8 16  12615 .0 .0 .0 4.4 5 .4 67.4 46 00609 .0 .0 12.5 18.8 68.8 16  12615 .0 .0 1.4 1.1 2.1 35.6 59.9 100.0 FCT .0 2.8 21.3 29.6 59.2 100.0							PER	ICENT F	REQUEN OC	CY OF	C#ICIN	IG HEIC NH <5	HTS (I	FEET, NH HOUR	>4/8)	AND					
OCCO3 .0 .0 .0 11.1 11.1 11.1 5.6 .0 .0 .0 38.9 61.1 18  OCCO9 .0 .0 .0 12.5 6.3 12.5 .0 .0 .0 .0 31.3 64.8 16  12215 .0 .0 .0 .0 35.3 5.9 5.9 .0 .0 .0 .0 47.1 52.9 17  18621 .0 4.5 4.5 4.5 4.5 9.1 9.1 .0 .0 .0 36.4 63.6 22  TOT 0 1 1 5 10 7 4 0 0 0 28 45 73  PCT .0 1.4 1.4 6.8 13.7 9.6 5.5 .0 .0 .0 .0 38.4 61.6 100.0  TABLE 11  TABLE 12  CUMULATIVE PCT FREQ OF RANGES OF VSRY (4H) AND/OR CEILING HOT (FEET/ANN 34/8).8Y HOUR  CEILING HOT (FEET/ANN 34/8).8Y HOUR  HOUR <1/2 1/2<1 1c? 2c5 5<10 10+ TOTAL GRAY (45) (607) c1 c5 400 c1000 1000+ NH <5/8 TOTAL GRAY (607) c2 c5 5 10 10 c5 10 c			H(T	HIA MT3	000	150	300	600	1000	2000	3575	5000 4499	6500 7999	8000+	TOTA	IL NH	<5/8	TOTAL			
00009 .0 .0 .0 12.5 6.3 12.5 .0 .0 .0 .0 31.3 64.8 16  12015 .0 .0 .0 .0 35.3 5.9 5.9 .0 .0 .0 .0 47.1 52.9 17  18021 .0 4.5 4.5 4.5 4.5 4.5 9.1 9.1 .0 .0 .0 36.4 63.6 22  TOT			00	£03	.0	.0	.0	11.1	11.1	11.1	5.6	•0	•0	0	38.	,9	61.1	10			
12215 .0 .0 .0 .0 35.3 5.9 5.9 .0 .0 .0 47.1 52.9 17  18621 .0 4.5 4.5 4.5 4.5 9.1 9.1 .0 .0 .0 38.4 63.6 22  TOT 0 1.4 1.4 6.8 13.7 9.6 5.3 .0 .0 .0 38.4 61.6 100.0  TABLE 11  TABLE 12  CUMULATIVE PCT FRE0 OF RANGES OF VSNY (AM) AND/OR CEILING NOT (FEET/NH) >4/8/3 BY HOUR  HOUR <1/2 1/21 1c? 2c5 5<10 10+ TOTAL OBS  OCCOS .0 1.1 .0 3.3 37.0 58.7 92 00203 .0 .0 11.1 27.8 61.1 18  06009 .0 .0 .0 2.2 30.4 67.4 46 06009 .0 .0 12.5 18.8 68.8 16  12615 .0 .0 1.6 3.3 27.9 67.2 61 18621 .0 9.5 19.0 29.8 57.1 21  TOT 0 4 3 6 101 170 284 TOT 0 2 8 21 42 71  FCT .0 1.4 1.1 2.1 35.6 59.9 100.0 FCT .0 2.8 11.3 29.6 59.2 100.0			06	609	.0	.0	•0	12.5	6.3	12.5	.0	•0	.0	.0	31.	.3	68.8	16			
TABLE 11  TABLE 11  TABLE 12  CUMULATIVE PCT FREQ DR RANGES DF VSRY (AM) AND/OR CEILING HGT (FEETAMM >4/8), BY HOUR  HOUR <1/2 1/2<1 1 2<5 5<10 10+ TOTAL GRY)  COMMITTING (GHT) <100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td <td></td> <td></td> <td>12</td> <td>615</td> <td>.0</td> <td>.0</td> <td>.0</td> <td>•0</td> <td>35.3</td> <td>5.9</td> <td>5.9</td> <td>•0</td> <td>•0</td> <td>•0</td> <td>47.</td> <td>,1</td> <td>52.9</td> <td>17</td> <td></td> <td></td> <td></td>			12	615	.0	.0	.0	•0	35.3	5.9	5.9	•0	•0	•0	47.	,1	52.9	17			
TABLE 11  TABLE 12  PERCENT FREQUENCY VSBY (NM) BY MOUR  CUMULATIVE PCT FREQ OF RANGES OF VSRY (AM) AND/OR CEILING HOT (FEETANM >4/8),88 MOUR  HOUR <1/2 1/2<1 1 2<5 5<10 10+ TOTAL OBS  (GMT) <50VD <1 <5 AND5+ AND5+ AND 5+ OBS  00003 .0 1.1 .0 3.3 37.0 58.7 92 00003 .0 .0 11.1 27.8 61.1 18  00009 .0 .0 .0 2.2 30.4 67.4 46 06009 .0 .0 12.5 18.8 68.8 16  12015 .0 3.5 2.4 .0 42.4 51.8 85 12015 .0 .0 .0 50.0 50.0 50.0 16  18021 .0 .0 1.6 3.3 27.9 67.2 61 18021 .0 9.5 19.0 23.8 57.1 21  TOT 0 4 3 6 101 170 284 TOT 0 2 8 21 42 71  PCT .0 1.4 1.1 2.1 35.6 59.9 100.0 PCT .0 2.8 11.3 29.6 59.2 100.0</td <td></td> <td></td> <td>16</td> <td>621</td> <td>.0</td> <td>4.5</td> <td>4.5</td> <td>4.5</td> <td>4.5</td> <td>9.1</td> <td>9.1</td> <td>•0</td> <td>•0</td> <td>•0</td> <td>36.</td> <td>•</td> <td>63.6</td> <td>22</td> <td></td> <td></td> <td></td>			16	621	.0	4.5	4.5	4.5	4.5	9.1	9.1	•0	•0	•0	36.	•	63.6	22			
TABLE 12  PERCENT FREQUENCY VSBY (NM) BY HOUR  CUMULATIVE PCT FREQ OF RANGES OF VSRY (AM) AND/OR CEILING HOT (FEET,NM >4/8), BY HOUR  HOUR (1/2 1/2<1 1 2<5 5<10 10+ TOTAL OBS (GMT) <5000 <1 <5 AND5+ AND5+ AND5+ DBS  O0003 .0 1.1 .0 3.3 37.0 58.7 92 00003 .0 .0 11.1 27.8 61.1 18  O0009 .0 .0 .0 2.2 30.4 67.4 46 06009 .0 .0 12.5 18.8 68.8 16  12015 .0 3.5 2.4 .0 42.4 51.8 85 12015 .0 .0 .0 50.0 50.0 16  18021 .0 .0 1.6 3.3 27.9 67.2 61 18021 .0 9.5 19.0 29.8 57.1 21  TOT 0 4 3 6 101 170 284 TOT 0 2 8 21 42 71  PCT .0 1.4 1.1 2.1 35.6 59.9 100.0 PCT .0 2.8 11.3 29.6 59.2 100.0</td <td></td> <td></td> <td>P</td> <td>CT</td> <td>.0</td> <td>1.4</td> <td>1.4</td> <td>6.8</td> <td>13.7</td> <td>9.6</td> <td>5.5</td> <td>•0</td> <td>.0</td> <td>•0</td> <td>38.</td> <td>,‡</td> <td>61.6</td> <td>100.0</td> <td></td> <td></td> <td></td>			P	CT	.0	1.4	1.4	6.8	13.7	9.6	5.5	•0	.0	•0	38.	,‡	61.6	100.0			
CUMULATIVE PCT FREQ OF RANGES OF VSRY (AM) AND/OR CEILING HOT (FEET/NH >4/81/8) Y HOUR  HOUR <1/2 1/2<1 1<2 2<5 5<10 10+ TOTAL OBS  (GMT) <50000 <10 0 10000						Ţ.A.	8LE 1!	1								TABLE	12				
HOUR (1/2 1/2<1 1c? 2c5 5<10 10+ TOTAL OBS (GMT) <50 0 1000 1000 NH <5/8 TOTAL OBS (GMT) <50 VD <1 <5 AND5+ AND 5+ OBS (GMT) <50 VD <1 <5 AND5+ AND 5+ OBS (GMT) <50 VD <1 <5 AND5+ AND 5+ OBS (GMT) <50 VD <1 <5 AND5+ AND 5+ OBS (GMT) <50 VD <1 <5 AND5+ AND5+ AND5+ OBS (GMT) <50 VD <1 <5 AND5+ AND5+ AND5+ OBS (GMT) <50 VD <1 <5 AND5+ AND5+ AND5+ OBS (GMT) <50 VD <1 <5 AND5+ AND5+ AND5+ OBS (GMT) <50 VD <1 <5 AND5+ AND5+ AND5+ OBS (GMT) <50 VD <1 <5 AND5+ AND5+ OBS (GMT) <50 VD <1 <5 AND5+ AND5+ OBS (GMT) <50 VD <1 <5 AND5+ AND5+ OBS (GMT) <50 VD <50 V				PERCEN.	T FRFC	MENCA	VSBY	(NH) E	AUCH YE	į.		Ct	JMULAT?	IVE PCT CEILIN	FREQ G HGT	OF RAN	IGES OF NH >4/	VSRY B)/BY	HDUR HDUR	AND/OR	
00003 .0 1.1 .0 3.3 37.0 58.7 92 00003 .0 .0 11.1 27.8 61.1 18 00009 .0 .0 .0 2.2 30.4 67.4 46 00009 .0 .0 12.5 18.8 68.8 16 12615 .0 3.5 2.4 .0 42.4 51.8 85 12615 .0 .0 .0 50.0 50.0 16 18621 .0 .0 1.6 3.3 27.9 67.2 61 18621 .0 9.5 19.0 29.8 57.1 21  TOT 0 4 3 6 101 170 284 TOT 0 2 8 21 42 71 PCT .0 1.4 1.1 2.1 35.6 59.9 100.0 PCT .0 2.8 11.3 29.6 59.2 100.0		HOUR (CMT)	<1/2	1/2<1	14	<b>:</b> 2	2<5	5<10	10+	TOTAL CBS		+	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH 4	(5/8 5+	TOTAL OBS	
06009 .0 .0 .0 2.2 30.4 67.4 46 06009 .0 .0 12.5 18.8 68.8 16  12615 .0 3.5 2.4 .0 42.4 51.8 85 12615 .0 .0 .0 50.0 50.0 16  18621 .0 .0 1.6 3.3 27.9 67.2 61 18621 .0 9.5 19.0 23.8 57.1 21  TOT 0 4 3 6 101 170 284 TOT 0 2 8 21 42 71  PCT .0 1.4 1.1 2.1 35.6 59.9 100.0 PCT .0 2.8 11.3 29.6 59.2 100.0		00603	.0	1.1		,n	3.3	37.0	58.7	92	:	,	00803	•0	.0	11.1	27.8		1.1	18	
12619 .0 3.5 2.4 .0 42.4 51.8 85 12615 .0 .0 .0 50.0 50.0 16  18621 .0 .0 1.6 3.3 27.9 67.2 61 18621 .0 9.5 19.0 23.8 57.1 21  TOT 0 4 3 6 101 170 284 TOT 0 2 8 21 42 71  PCT .0 1.4 1.1 2.1 35.6 59.9 100.0 PCT .0 2.8 11.3 29.6 59.2 100.0		90360	•0	.0	•	, <b>o</b> :	2.2	30.4	67.4	46	ı	r	90360	•0	•0	12.5	10.8	•		16	
18621 .0 .0 1.6 3.3 27.9 67.2 61 18621 .0 9.5 19.0 23.8 57.1 21  TOT 0 4 3 6 101 170 284 TOT 0 2 8 21 42 71  PCT .0 1.4 1.1 2.1 35.6 59.9 100.0 PCT .0 2.8 11.3 29.6 59.2 100.0		12615	•0	3.5	2.	,4	•0	42.4	51.8	85		,	12615	•0	.0	.0	50.0	5	10.0	16	
PCT .0 1.4 1.1 2.1 35.6 59.9 100.0 PCT .0 2.8 11.3 29.6 59.2 100.0		18621	•0	۰۰	1.	,6 ;	3.3	27.9	67.Z	01 284		1	18621 TOT	•0	9.5	19.0	23.5	5	17-1	21 71 -	
		PCT	.ŏ	1,4	1.	,i :	2.1	35.6	59.9	100.0	1		PCT	•0	2.	11.3	29.6	•	9.2	100.0	

TARLE 13

TABLE 14

	PERC	ENT FRI	EOUENCY	Y OF R	ELATIV	HUMI	TTY BY	Y TEMP	70741			PERC	ENT FR	EQUENC	Y 0f 1	IND DI	RECTIO	N BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT PREQ	N	NE	E	SE	S	SW	W	NW	VAR	CALH
90/94 \$5/89	.0	.0	•0	•0	:A	9.3	.0 5.9	.0	2 20	1.7	•0	.0	3.6	2.3	1.3	, • 9	4.7	,	•0	.0
80/84 75/79	.0	.0	.0	.0	. 8	18.6	39.0	8.5			7.4	:	12.3	1.9	5.1	1.7 8.5	14.2	1.7 8.1 3.4	.0	1.7
PET	.0	-	.0	•0		34 29.8	63 53.4	18 15.3	118	100.0	8.1	1.9	17.2	11.7	8,9	10.2	23.9	14.0	•0	4.2

TAPLE 15

	MEANS,	EXTREM	ES AND	PERCEN	TILES	OF TER	IP (DE	G F) B	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	ATIVE H	UMIDITY	BY HOUR	t
HOUR (GMT)	HAX	198	95%	50%	5*	18	HIN	MEAN	TOTAL OBS	HOUR (GHT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00803 06809 12815	91 90	87	86 86	84 84	79 80	76 77	75 77	83.5	264 117	E0300		•0	2.3 8.3	30.4	52.3 41.7	7.1 8.3	81 78	44
12615	19	87 86	86 85	63 62	79 77	77 75	75 75	82.7	223 132	12615	.0	•0	•0	25.6	51.3	23.1	84 85	39 32
101	•1	89	87	<b>83</b>	79	77	75	63.0	736	101	•0	•0	•0	9.4	78.1 78	12.5	82	139

MARCH

PERIOD: (PRIMARY) 1871-1969 (UVER-ALL) 1858-1969

TABLE 17

AREA GO12 SOUTHEAST JAVA 9.08 114.3E THE PARTY OF THE P

PCT	FRF0 (	OP .	AIR	TEMPERATURE	(DEG	FI	AND	THE	OCCURRENCE	OF	FQG	TUDATINS	PRECIPITATION)
				VS AIR	-SEA	TE	MPERI	TUR	DIFFERENCE		DEG 1	:,	

AIR-SCA THP DIF	73 76	77 80	81 84	85 86	49 92	TOT	# FDG	WD FOG
7/8	.0	•0	.0	.7	.7	2	•0	1.5
6			ě	ż	ě	•	ŏ	•.7
5	٠.	•0	.0	.7	•0	1	.0	•7
4	.0	.0	.0	1.5	.7	3	• 0	2.2
3	.0	• 7	.0	2.2	.0	4	•0	3.0
2	.0	.0	6.C	5.2	.0	15	.7	10.4
1	.0	.0	6.0	3.7	.0	13	•0	9.7
0	.7	.0	13.4	.7	.0	20	-7	14.2
-1	.0	•7	14.2	1.5	.0	22	• 0	16.4
-2	.0	3.0	16.4	.0	.0	26	• 0	19.4
-3	.0	3.0	3.0	.0	.0		• 0	6.0
-4	.0	2.2	2.2	.0	0	6	.0	4.5
-5	.0	.7	2.2	.0	. 0	4	•0	3.0
-0	.0	2.2	.0	.0	.0	3	.0	2.2
-7/-8	.7	2.2	.0	.0	.0	4	•0	3.0
-9/-10	.0	1.5	.0	.0	.0	2	•0	1.5
TOTAL	Ž	3	85	•	2	_	2	132
_	_	22		23		134	_	
PCT	1.5	16.4	63.4		1.5	100.0	1.5	98.5

PERIOD: (OVER-ALL) 1963-1969

TABLE 1

PCT FRED OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

				N							NE			
нст	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	•0	2.9	•0	.0	.0	•0	2.9	.0	2.9	.0	.0	•0	.0	2.9
1-2	.0	5.0	•0	.0	•0	.0	5.0	.0	.7	•0	•0	•0	٠.	.7
3-4	•0	2.9	2.9	.0	•0	•0	5,7	•0	•0	.0	.0	•0	.0	•0
5-6	.0	-0	•0	.0	.0	•0	•0	•0	•0	.0	.0	•0	•0	•0
7	•0	.0	• 7	.0	٠.0	•0	.0	•0	•0	•0	.0	•0	.0	.0
8-9	.0	.0	•0	.0	.0	.0	.0	•0	•0	.0	.0	•0	.0	•0
10-11	•0	.0	•0	.0	.0	.0	•0	•0	•0	.0	.0	•0	.0	•0
12	.0	.0	•0	.0	.0	•0	•0	•0	• 0	.0	.0	•0	.0	•0
13-16	.0	.0	•0	.0	•0	•0	•0	•0	.0	.0	.0	•0	.0	.0
17-19	.0	.0	•0	.0	.0	•0	•0	.0	•0	.0	.0	•0	•0	•0
20-22	.0	.0	•0	.0	.0	.0	•0	.0	.0	.0	.0	•0	•0	,0
23-25	.0	.0	.0	.0	.0	•0	•0	.0	.0	.0	.0	•0	.0	•0
26-32	.0	.0	•0	٠.	.0	.0	•0	•0	•0	.0	.0	•0	•0	•0
33-40	.0	.0	•0	.0	.0	•0	•0	.0	.0	.0	.0	•0	.0	.0
41-48	.0	.0	•0	.0	.0	.0	•0	.0	.0	.0	.0	•0	.0	•0
49-00	.0	.0	•0	.0	.0	.0	•0	•0	•0	.0	.0	.0	.0	.0
61-70	.0	.0	•0	.0	,0	.0	•0	. 2	.0	•0	•0	•0	.0	.0
71-66	.0	.0	•0	٠,	• • • •	.0	.0	•0	.0	-0	.0	•0	.0	.0
87+	.0	.0	.0	.0	.0	•0	•0	.0	.0	.0	.0	.0	.0	•0
TOT PCT	. 0	10.7	2.9	.0	.0	•0	13.6	.0	3.6	.0	•0	•0	.e	3.6
		4+10		£ 22-33	34-47	48+	PCT	1-3	4-10		32	34-47	48+	PCT
HGT	1-3		11-21							11-21	22-33			
<1,	.0	-0	•0	.0	•0	.0	0	•0	2.9	•0	.0	•0	•0	2.9
1-2	.0	7.9	.0	.0	.0	•0	7.9	•0	•7	.0	•0	•0	.0	•7
3-4 5-0	•0	2.9	2.9	•0	•0	•0	5.7	•0	.0	2.9	.0	•0	•0	2.9
	•0		•0	٠,				• 5			•0	٠٥	•0	
7 8-9	• • •	.0	•0	•0	•0	•0	•0	•0		.0	•0	• 0	•0	•0
	•0	.0	•0	.0	•0	.0	•0	•0	•0	•0	•2	•0	•0	•0
10-11	.0	•0	•0	.0	.0	•0	•0	•0	•0	.0	.0	•0	•0	•0
.12	•0	•0	•0	.0	.0	.0	•0	•0		٠,0	•0	•0	٠.٥	•:
13-16	•0	.0	•0	.0	•0	•0	•0	•0	•0	•0	.0	•0	.0	
17-19	•0	.0	•0	•0	.0	•0	•0	•0	•0	•1	.0	••	•0	•0
20-25	.0	.0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•5	٠.٥	
23-25	•0	.0	•0	•0	•0	•0	•0	•0	,0	•0	•0	•0	•0	•0
26-32	•0	٠.	•0	.0	•0	•0	•0	•0	.0	•0	.0	•0	.0	.0
33-40	•0	.0	•0	.0	.0	•0	•0	.0	•0	.0	• 9	•0	.0	•0
41-48	.0	•0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	.0	•0
49-60	.0	.0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0
61-70	•0	.0	•0	.0	•0	.0	•0	•0	•0	.0	•0	•0	.0	•0
71-86	.0	•0	•0	.0	•0	•0	•0	•0	•0	٠,	•0	•0	٠0	•0
87+	•0	0	•0	.0	•0	•0	0	•0	.0	.0	.0	•0	.0	•0
TOT PCT	•0	10.7	2.9	.0	•0	•0	13.6	•0	3,6	2.9	•0	•0	.0	6.4

				•••					н_ясн				4054	0012 \$	SHTHE A	T 141/4
PERIOD:	COAF	-ALL)	1903-1	709				TABLE	18 (CONT	,			ANEA		5 114	
				96	T EPEC	OF WIND	SPEED	(KTS)	AND DIRE	CTION V	ERSUS S	FA HEIG	HTS (FT)			
HGT	1-3	4-10	11-21	5 22 <b>-33</b>	34-47	48+	PCT		1-3	4-10	11-21	SW 22-33	34-47	48+	PCT	
<1	.0	.0	•0	.0	.0	.c	.0		.0	.0	.0	. 0	•0	.0	•0	
1-2	•0	2.9	•0	.0	.0	.0	2.9		• 0	2.9	.0	•0	•0	•0	2.9	
3-4	.0	.с	2.9	.0	.0	•0	2.9		.0	•0	2.9	•0	• 0	•0	2.9	
5-0	• 0	•0	•0	•0	.0	•0	•0		• 3	•0	.0	•0	•0	.0	•0	
7	•0	•0	•0	•0	.0	•0	•0		.0	•0	.0	•0	•0	.0	•0	
8-9	• 0	•0	•0	٠0	.0	•0	•0		•0	•0	• • •	•0	•0	•0	•0	
10-11	•0	•0	• 0	•0	•0	•0	•0		•0	.0	•¢	•0	•0	•0	•0	
12	•0	.0	•0	•0	•0	•0	•0				•0	•0	•0	.0	.0	
13-16	٠.0	•0	•0	•0	•0	.0	•0		.0	•0	.0	•0	•0	.0	.0	
17-19 20-22	.0	.0	•0	.0	•0	.0	0.0		.0	:0	.0	.0	•0	.0	.0	
23-25	.0	.0	•0	•0	.0	.0	.0		.0	.0	.0		•0	.0		
26-32		.0	•0	•0			ŏ		ĕ	.0	.0		ěŏ		.0	
33-40	۰٥	.0	.0	.0		.0	ŏ		.0	.0	.0		•0	.0	• 0	
41-48	.ŏ	.ŏ	.0	•0	.0	.0	.0		.0	.0	.0	.0	.0		.0	
49-00	.0	.0	.0	.0	.0	.0	ŏ		.0	.0			.0	.0	.0	
61-70	.ŏ	.0	•0	.0	.0	.0	.0		.0	.0	.0		•0	.0	.0	
71-86			.0	.0	.0	.0	.0		.0	.0	.0		•0	.0	.0	
87+	.0	.0	.0	•0	.0	• 0	.0		.0	.0	.0	.0	•0	.0	.0	
TOT PCT	.0	2.9	2.9	•0	.0	•0	5.7		•0	2.9	2.9	•0	.0	•0	5.7	
				w								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1			.0	.0	.0	•0				5.7	•0	•0	.0	•0	5.7	, .
1-2	.0	8.6	2.9	.0		.0	11.4		.0	2.9	.0	.0	•0	.0	2.9	
3-4	.c	0	13.6	.č		.0	13.6		.0	2.9	.7	.0	.0	.0	3.6	
5-0	Ĭ.c	.0	.0	2.9	.0	.0	2.9		.0	.0	.0	.0	•0	.0	.0	
7	.0	.0	•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	.0	•0	
8-9	.0	.0	•0	•0	•0	•0	•0		.0	•0	.0	.0	•0	•0	.0	
10-11	.0	.0	•0	•0	.0	•0	• 0		.0	.0	.0	-0	•0	•0	•0	
12	.0	.0	• 0	•0	•0	.0	•0		•0	.0	.0	۰0	•0	•0	•0	
13-16	.0	.0	•0	•0	.0	•0	•0		•0	.0	•0	•0	•0	.0	.0	
17-19	.0	.0	•0	•0	.0	•0	.0		•0	•0	•0	•0	•0	.0	•0	
20-22	.c	•0	•0	•0	•0	•0	•0		• 0	•0	•0	•0	•0	•0	•0	
23-25	٠,٥	.0	•0	•0	•0	.0	•0		•0	•0	•0	.0	•0	.0	•0	
20-32	.0	.0	•0	•0	•0	.0	•0		•0	•0	•0	•0	•0	• 0	•0	
33-40	•0	.0	•6	•0	.0	•0	•0		•0	•0	.0	•0	•0	•0	•0	
41-48	•0	.0	•0	•0	• ?	•0	•0		•0	.0		•0	•0	.0	•0	
+9-60	.0	.0	•0	•0	.0	•0	•0		•0	.0		•0	•0	.0	.0	
61-70	•0	.0	•0	•0	.0	•0	.0		.0	.0		.0	•0	.0	•0	
71-86 87-	.0	.0	.0	•0	.0	•0	•0		.0	ěŏ		•0	•0	.5	.0	
TOT PCT	.0	8.6	16.4	2.9	•0		27.9		.0	11.4	.7	•0	•0	.0	12.1	88.6
101 PC		•.0	40.4	2.7	•0	•0	6117		•0		• •	•0	+0			

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34047	48+	PCT	TOT
<1	11.4	14.3	.0	.0	.0	.0	25.7	ups
1-2	.0	31.4	2.9	.0	.0	.0	34.3	
3-4	.0	8.6	28.6	.0	.0	.0	37.1	
5-6	•0	.0	.0	2.9	.0	.0	2.9	
7	.0	.0	.0		.0	.0	.0	
8-9	.0	.0	.0	ŏ	.0	.0	.0	
10-11	·ò			ŏ	.0	.0	.ŏ	
12				ě	.0	.0	.ŏ	
13-16				ō	.0	.0	.ŏ	
17-19	.0	.ŏ	.0	ŏ	.0	.0	ŏ	
20-22	.0	.0	.0	.0	.0	.0	.ŏ	
23-25		.0		.0			ŏ	
							٥	
26-32	-0	•0	•0			.0		
33-40	.0	• 0	٠,		.0	•0	.0	
41-48	.0	•0	-0			.0	.0	
49-60	.0	•0	.0				٥,	
61-70	•0	• 0	.0			.0	.0	
71-86	•0	•0	-0				.0	
87+	•0	• 0	.0	.0	.0	.0	.0	
								35
TET PET	11.4	54.3	31.4	2.9	.0	•0	100.0	

PERIO	5: (DV	ER-ALL	) 194	9-1969					TABLE 1												
					PERCENT	FRE	QUENCY OF	MA.	/E MEIGH	T (F1	r) 42 t	TAVE P	RIUD	( PECONE	121						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16 1	7-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	67+	TOTAL	MEAN HGT
<6	1.8	7.3	16.4	5.5	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	3
6-7	٠0	•0	3.6	3.6	۰.0	1.0		•0	•0	.0	.0	•0	.0	.0	•0	.0	.0	.0	.0	2	5
8-9	.0	.0	3.5	3.6	1.8	1.	•0	.0	.0	.0	.0	•0	.0	•0	.0	.0	.0	.0	.0	7	•
10-11	.0	3.6	.0	.0	.0	.0		.0	•0	.0	.0	.0	.0	٠.	.0	.0	.0	.0	.0	3	?
12-13	•0	•0	1.8	3.6	.0	.0	•0	.0	•0	.0	0	.0	.0	.2	.0	.0	.0	.0	.0	3	4
>13	.0	.0	.0	.0	.0	.0	•0	•0	.C	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
INDET	18.2	5.5	10.9	1.8	.0	1.0	.0	.0	•0	.0	:0	.0	.0	.0	•0	۰,0	٠.	.0	.0	21	?
TOTAL	11	•	21	10	1	3	. 0	0	C	0	0	G	٥	0	0	0	0	٥	0	55	3
PCT	20.0	16.4	38.2	18.2	1.0	5.5	•0	.0	•0	.0	.0	.0	•0	•0	•0	.0	.0	.0	-0	100.0	

PERIOD:	(PRIMARY)	1878-1969
	(DUES-ALL)	1854-1949

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TABLE 1

AREA 0012 SDUTHEAST JAVA 8,95 114,36

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PERCENT	ERFOLIENCY	OF	WEATHER	OCCURRENCE	RV	WIND	DIRECTION

				•											
			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	RAIN SHWR	DRZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HDUR	THDR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUS' BLWG SNOW	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0
NE	53.3	.0	.0	.0	.0	.0	.0	53.3	6.7	.0	.0	.0	.0	.0	40.0
F	6.2	4.4	.0	.0	.0	.0	.0	10.6	2.6	5.7	6.2	.0		.0	79.3
ŠE	1.2	3.6	.0	.0	.0	,ŏ	.0	4.8	•6	4.2	6.0	.0	.0	.0	85.7
ξ.	.0		.0	.0	.0	,ŏ	.0	.0	•0	.0		ŏ	8.7	•0	91.3
S¥	20.0	.0	.ŏ		.õ	.0	.0	20.0	.0	.0	,ŏ	.0	.0	.0	80.0
3.	7.1	.ŏ				.0		7.1	.0	.0		ĕ	•0	.0	92.9
NH	18.2			.ö	:0	:ŏ		10.2	.ŏ		٠,٥			.0	81.8
		٠,٥	.0		:0	ĕ			.0	ĕ	.0	•0	•0		
VAR	.0	.0	.0	.0			•0	٠.			.0	•0	•0	•0	
CALM	.0	.0	.0	.0	.0	.0	•0	.0	•0	.0	.0	•0	•0	•0	100.0
TOT PCT TOT DBS:	5.8 138	2.9	.0	.0	.0	.0	.0	8.7	1.4	3.5	4.3	.0	•7	•0	43,3

TARLE 2

## PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	HENA	
HCUR (GHT)	RAIN	RAIN SHWR	DRZL	FRZG PCPN	SNOW	DTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	ND Sig Wea
00003 06009 12615 18621	4.8 .0 6.8 13.3	7.1 .0 .0 3.3	.0 .0 .0	.0	.0 .0	.0	.0	11.9 .0 6.8 16.7	3.6 2.3	2.4 .0 2.3 13.3	2.4 3.5 6.8 3.3	.0	.0 2.3		85.7 92.9 81.8 73.3
TOT PCT	6.3 144	2.8	.0	.0	.0	.0	•0	9.0	1.4	4.2	4.2	.0	•7	•0	83.3

TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		<b>d</b> 1	ND SPE	ED EKN	DTS)								HOUR	(GHT)			
WND DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21
N_	1.5	1.1	.2	.0	.0	•0		2.0	4.0	5.0	2.8	.0	1.3	. • 9	2.9	0	5.2
ŅE	1.6	20.2	11.7	.0	•0	•0		5.2 33.7	6.3 7.4	28.3	5.1 28.1	2.8	7.3 34.0	33.2	38.5	10.5 38.2	37.7
ŠE	3.3	17.3	9.2	.;	.0			30.0	1,1	23.3	24.7	31.9	40.7	39.3	30.5	35.5	18.2
S	2.4	4.0	.8	.0	•0	.0		7.1	6.2	9.7	8.4	9.7	5.3	5.6	8.6	• [	5.6
Sw	1.8	2.3 4.5	.7	.0	•0	••		3.6 6. <b>9</b>	7.2 6.2	3.9 8.9	1.1 15.7	5.6	2.0 5.3	5.6 4.7	3.4 5.2	5.3	5.2 3.2
Ñĸ	1.5	2.3			.0	:0		3.8	7.2	5.0			2.7	3.3	2.9	5.3	5.8
VAR	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	•0	.0	.0	• 0
CALM TOT DBS	113	396	138			٥	562	6.9	7.7	7.6	10.1	5.6 18	1.3	5.6 107	3.4	5.3	14.3
TOT PCT	20.1	54.4			•0	.0	302	100.0	***	100.0		100.0			100.0	100.0	

	£	24

NHD DIR	0-6	#IND 7-16	SPEED 17-27	(KNDTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 03	HBUR C6 09	(GMT) 12 15	18 21
N	2.0	.7	.0	.0	.0		2,8	4.6	3.9	1.1	1.8	4.2
NE	3.3	1.8	.1	•0	.0		5.2	6.3	6,6	4.5	3.1	5.7
ŧ.	9.5	22.6	1.5	.0	.0		33,7	9.4	28.2	36.0	35.6	37.8
ŠĘ	9.1	20.2	7	.0	.0		30.0	1.1	24.0	39.0	35.3	21.6
3.	4.2	2.7	.2	ŏ			7.1			4.2	7.0	4.7
					.0				9.1			
54	2.4	•7	.4	•0	.0		3.6	7.2	2.5	2.7	4.6	4.2
₩	4.6	2.0	.3	•0	.0		6,9	6.2	12.3	4.3	4.9	3.6
NW	1.6	1.9	.2									
		•••	•••	••	•••							
		284		1		849	4.7		747		7.0	
			14	•		302		7.1				
VAR CALM TOT ORS	1.6 0.9 246	296	.2 .0	.2 .0	.0	562	3,8	9.2 .0 7.7	4,5 ,0 8,9 , 179	2.2	3.1 .0 4.6 194	5.7 .0 12.5

PERIOD: (PRIMARY) 1878-1969

TARLE 4

AREA 0012 SOUTHEAST JAVA

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

				MIND	SPEED (	KNOTS			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FRED	085
00603	8.9	17.0	52,5	17.9	2.8	.0	.0	7.2	100.0	179
12615	2.2	12.9	54.5 56.2	30.1	.0	٠.	0	8.5	100.0	93
18621	12.5	11.5	54.2	21.9	.0	.0	.0		100.0	194 96
TJT PCT	39 6.9	13.2	306	138	5	0	0	7.7		562
-61	0.7	. 3 . 2	54.4	24.6	.9	.0	.0		100.0	

TARLE 5

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												17	FET5 0					
		,	BA MIN	O DIRFO	ETICH	(EIGHTHS) Mean		(	PERCEN	TAGE F	REQUE	CY OF	CEILIN NH <5/	IG HEIG	HTS (I	FT,NH :	24/8) DN	
WND DIR	0-2	3-4	5~7	nBSCD	TOTAL	CDVER	000 149	150 294	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH €5/8 ANY HGT	
N NE E S S S N N N VAR CALM TOT UBS	.0 1.7 12.1 9.2 5.4 .0 1.7 .0 1.7 19	.0 1.3 10.4 15.4 2.9 3.3 2.5 2.5 .0 .0 23 38.3	1.7 9.6 9.6 .8 .0 1.7 .0 .0	.0 1.7 .0 1.7 .0 .0 1.7 .0 .0	60 100•0	.0 4.7 3.6 4.0 2.4 3.5 5.2 1.8 .0 5.0	•0	.00000000000000000000000000000000000000	00000000000000	.0 1.7 .0 .0 .0	.0 1.7 1.3 2.1 .0 .0 3.3 .0	.0 1.7 .0 .0 .0 .0 .0	.0	• • • • • • • • • • • • • • • • • • • •	000000000000000000000000000000000000000	000000000000000000000000000000000000000	.0 2.9 28.3 32.9 9.2 3.3 2.5 4.2 .0	60

TABLE 7

CUMULATIVE PCT FREQ	DF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT	(NH 34/8) AND VSBY (NH)
a. actet to tittatil	177 29/01 478 VSBY (NH)

CEILING (FEET)	= 11R >10	• OR >5	• DR >2	V58Y (NM = nR >1	• DR • 1/2	• OR >1/4	- OR >50YD	- DR >0
- OR >6500 - OR >5500 - OR >3500 - OR >2000 - OR >1000 - OR >600 - OR >300 - OR >150 - OR > 0 - OR > 0	.0 1.6 3.3 9.8 9.8 9.8 9.8	.0 1.6 3.3 9.8 9.8 9.8 9.8	.0 1.6 3.3 11.5 13.1 13.1 13.1	.0 1.6 3.3 11.5 13.1 13.1 13.1	.0 1.6 4.9 13.1 14.8 14.8 14.8	.0 1.6 4.9 13.1 14.8 14.8 14.8	.0 1.6 4.9 13.1 14.8 14.8	0 1.6 4.9 13.1 14.8 14.8

TOTAL NUMBER OF DBS: 61 PCT FRED NM <5/81 85.2

TABLE 7A

PERCENTAGE FREG CF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD DBS 6.1 13.6 22.7 25.8 13.6 3.0 7.6 3.0 4.5 .0 66

BRTI

							-	K16						
PERIOD: (PRIMARY) 1: (OVER-ALL) 1:	878-1969 856-1969						<b>T</b> 29	LE 6				ARE	A 0012	SDUTHEAST JAVA 8.95 114.3E
		PF	RCENT	FREQ I	DF WIND	DIRECT	TION V	ING VA	ARENCE LLUES O	OR N	ON-OCC IBILIT	URRENC V	E OF	
VSBY			NE	ε	\$E	\$	SH	w	NW	VAR	CALH	PCT	TOTAL	
(4H) <1/2	PCP NO PCP	.0	•0	.0	•0	•0	•0 •0	.0	.0	.0	•0	.0		
€172	TOT \$	.c	.0	.0	ŏ	• 0	.0	.0	•0	.0	•0	.0		
1/2<1	PCP ND PCP TOT \$	.0	.0	•0	•0	•0	.0 .0	•0	•0	.0	•0	•0		
1<2	PCP ND PCP TOT \$	.0	.0	.0	•0	•0	•0	.0	•0	.0	•0	.0		
2<5	PCP ND PCP	.0	.7	.0	.0	•0	•0	.0	.0	.0	•0	1.4		
200	TOT %	.0	.7	.7	•0	.7	•0	.0	•0	•0	•0	2.2		
5<10	PCP NO PCP TOT %	.c .c	.0 .0	2.5 13.4 15.9	1.1 5.1 6.2	1.1 1.1	• • • • • • • • • • • • • • • • • • • •	1.4	.7 .7 1.4	••	•0	5.1 21.7 26.8		
10+	PCP ND PCP TOT %	.0 1.4 1.4	.7 1.3 2.0	1.8 22.6 24.5	23.9	6.5 6.5	1.4 1.4	3.3 3.3	2.5 2.5	•0	5.1 5.1			
	TOT DBS												130	)

V59Y	SPD	N	NE	E	SE	s	S¥	*	NH	VAR	CALM	PCT	TOTAL
(14)	KTS	•		-		-						_	085
	0-3	.0	.0	.0	٠٥	.0	٠.٥	.0	•0	٠.	.0	.0	
<1/2	4-10	.0	•0	•0	•0	.0	.0	.0	.0	٠.٥		•0	
	11-21	.0	.0	• 0	•0	•0	٠.٥	٠0	٠,	•0		.0	
	22+	.0	•0	•0	.0	•0	٠.	.0	•0	.0	.0	ě	
	TOT %	.0	•0	•0	-0	•0	.0	•0	•0				
	0-3	.0	.0	.0	-0	•0	.0	•0	.0	•0	•0	.c	
1/2<1	4-10	.0	•0	•0	•0	•0	٠.	.0	٠.	.0		.0	
	11-21	•0	•0	•0	•0	•0	.0	•0	.0	•0		ŏ	
	22+	.0	٠.٥	•0	.0	•0	٠,	٠٥	.0	.0	.0	ö	
	TOT %	.0	.0	•0	•0	•0	.0	.0	•0	•0	•0	••	
	0-3	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	.0	. 4	.0	.0	. 4	•0	.0	•0			
	11-21	.0	.0	•0	.0	•0	.0	•0	•0	.0		.0	
	22+	.0	٠.	•0	.0	•0	.0	.0	• 0	.0	_	.0	
	TOT \$	.0	.0	.4	•0	•0	.4	•0	.0	.0	.0	, 8	
	0-3	.0	.0	.4	.0	.4	.0	.0	.0	.0	.0	, 0	
2<5	4-10	.0	.4	.0	•0	.0	.0	. 4	. 0	•0		.,	
	11-21	.0	.0	. 4	.0	.0	.0	•0	.0	.0		• •	
	22+	.0	٠.	.0	•0	•0	.0	.0	٠,	.0		.0	
	TOT \$	.0	.4	. 8	•0	.4	.0	• •	.0	.0	•0	2.0	
	0-3	.0	.0	.0	•0	.4	.0	.2	. 2	.0	.0		
5<10	4-10	.2	.0	6.2	2.8	•2	.2	1.0	.6	.0		12.0	
	11-21	. 0	.0	2.8	1.2	•0	.0	•0	.4	•0		4.4	
	22+	.0	.0	.0	.0	•0	.0	.0	.0	.0		0	
	TOT \$	.2	.0	9.0	4.0	.6	.2	2.0	1.7	.0	.0	17.2	
	າ <b>-3</b>	1.4	1.7	1.9	3.1	1.5	.6	1.4	.4	.0	5.2	17.2	
12+	4-10	1.6	2.4	19.8	14.1	2.5	1.0	4.0	2.2	.0		47.6	
	11-21	.0	.2	6.0		1.2	• •	. 4	• •	•0		15.2	
	22+	.0	.0	•0	•0	•0	.0	.0	•0	.0		0	
	TOT \$	3.0	4.3	27.7	23.8	5.2	2.0	5.8	3.0	.0	5.2	80.0	
	TOT DES												250
	TOT PCT	3.2	4.7	37.9	27.8	4.2	2.6	8.2	4.2	.0	3.2	100.0	

PERIODI	(PRIMARY)	1878-1969
	(UVER-ALL)	1856-1969

TABLE 10

AREA 0012 SOUTHEAST JAVA 8,95 114.3E

PERCENT	FREQUENCY OF			>4/8)	AND
• • • •		MER DE MI			

HOUR (GMT)	000	190	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	<b>8000</b> +	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
60300	.0	.0	.0	7.1	14.3	•0	7.1	.0	٠,	•0	28.6	71.4	14
90300	.0	.0	.0	•0	10.5	.0	.c	.0	.0	•0	10.5	89.5	19
12615	.0	.0	.0	•0	5.9	.0	.0	.0	.0	•0	5.9	94.1	17
18621	.0	.0	.0	.0	.0	15.4	.0	.0	•0	•0	15.4	84.6	13
TOT PCT	ů .0	0	0	1.6	7.9	3.2	1.6	.0	.0	.0	1444	54 85.7	100.0

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY V\$8Y	(48)	BY HOUR		CUMULAT					VSRY (4H) Jury Hour	
HOUR (GMT)	<1/2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TETAL CBS</th> <th>HDUR (GMT)</th> <th>&lt;150 &lt;50YD</th> <th>&lt;600 &lt;1</th> <th>&lt;1000 &lt;5</th> <th>1000+ AND5+</th> <th>NH &lt;5/E AND 5+</th> <th>TOTAL D85</th>	2<5	5<10	10+	TETAL CBS	HDUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/E AND 5+	TOTAL D85
E0300	.0	.0	.c	5.7	22.9	71.4	70	£0300	•0	.0	15.4	15.4	69.2	13
06800	.0	.0	•1	2.2	15.2	82.6	46	90360	.0	•0	.0	10.5	89.5	19
12615	.0	.0	2.3	.0	20.5	77.3	86	12615	•0	•0	.0	6.3	43.8	16
18621	.0	1.7	.0	.0	11.5	86.5	52	18621	•0	7.7	7.7	7.7	84.0	13
TOT PCT	.0	.1	. 8	2.0	47 18.4	201 78.5	256 100.0	TOT PCT	•0	1.6	4.9	•.6	52 85.2	61 100.0

TARLE 13

TABLE 14

				т	THIE I	3									TABLE	: 14				
PEPCENT FREQUENCY OF RELATIVE MUMIDITY BY TEMP TOTAL PCT TEMP F 0-29 30-39 40-49 50-59 00-08 70-79 80-89 90-100 DES FREQ										***		PERC	ENT FR	EQUENC	Y UF W	140 01	RECTIO	N 84 T	EMP	
TEMP F	0-29	30-39	40-40	50-59	60~6*	70-79	80-89	90-100		FRED	N	٧E	£	SE	\$	SW	*	٩p	VAR	CALM
90/94 85/89 80/84 75/79	.0	. 1	.0	•0	2.2	12.0 19.3	48.9	6.5	19 68 2	2.2 20.7 73.9 2.2	•0 •0 •0	.0 .0 2.4 1.1	9.0 33.2	.3 5.7 23.9 1.1	2.7 2.4	1.1	1.1 .5 2.7	.0	.0	.0 1.1 4.3
70/74 TOTAL PCT	• • • • • • • • • • • • • • • • • • • •	Ō	0	•0	) <u> </u>	26 28.3	51	. 7	92	1.1	•0	.0 3.5	.0 42.9	-0 31-0	.0 5.2	1.6	.0 4.3	6.0	.0	.o 5.4

TABLE 15

	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY ME										PERC	ENT FRE	<b>ONENCA</b>	OF RELA	TIVE H	YTICIPL	84 4308	ı
HOUR (GHT)	MAX	99±	95%	50%	54	1*	MIN	MEAN	JATOT	HOUR (GMT)	C-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
£3300	90		87	84	80	77 77	76 77	13.5	179	£0300	.0	•0	10.3	20.7	51.7	17.2	76	29 19
12515	91 86	90 85	88 85	64 83	82 80	77	77	85.5	94 192	12815	•0	•0	21.1 7.1	28.6	31.6 60.7	.0 3.6	80	28
18621	85 91	84	84 87	82 83	79 80	73 77	73 73	81.5	96 561	18621	•0	•0	4.8	19.0	66.7 52	9.3	#3 #1	21 97

APRIL

PERIOD: (PRIMARY) 1878-1969 (OVER-ALL) 1856-1969

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( )

TABLE 17

AREA 0012 SDUTHEAST JAVA 8.95 114,3E

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PCT FRPO OP AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F) 73 76 89 92 AIR-SEA TMP DIF TOT W FDG WD FDG 7/8 5 4 3 2 1 0 -1 -2 -3 -4 -5 TOTAL 000000000000 0000000000 1 3 5 11 15 26 15 15 7 .0 .0 .0 2.8 1.9 .0 .0 .9 2.8 4.6 7.4 12.0 23.1 13.9 13.9 5.6 6.5 2.8

PCT

PERIOD: (DVER-ALL) 1963-1969

TABLE 18 PCT FREG OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.5	.0	•0	.0	•0	•0	.0	•0	.0	•0
1-2	٠.	.0	•0	.0	.0	-0	•0	, 1	3.3	.0	.0	•0	٠٥.	4.2
3-4	.0	.0	•0	.0	.0	.0	•0	•0	•0	.0	•0	•0	•0	.0
5-5	.0	.0	•0	-0	.0	•0	•0	.0	•0	.0	.0	•0	.0	•0
7	.0	.0	•0	-0	.0	.0	•0	•0	.0	•0	.0	•0	.0	•0
8-9	.0	.0	•0	.0	.0	.0	•c	10	•0	•0	.0	•0	.0	.0
10-11	. 0	.0	•0	.0	.0	.0	•0	•0	•0	.0	.0	•0	•0	•0
12	.0	.0	•0	.0	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0
13-16	.c	٠.	•0	•0	.0	•0	.0	•0	.0	.0	٠.	•0	•0	•0
17-19	•0	.0	•0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0
50-55	.0	.0	•0	•0	.0	.0	.0	•0	.0	.0	.0	•0	•0	•0
23-25	٠.	.0	•0	•0	.0	•0	•¢	•0	•0	.0	.0	•0	•0	•0
26-32	.0	.0	•0	•0	.0	-0	.0	•0	•0	•0	٠.	•0	.0	•0
33-40	٠.	.0	•0	.0	.0	.0	•0	•0	.0	.0	.0	•0	•0	•0
41-48	.0	.0	•0	•0	.0	.0	•0	•0	.0	.0	٠.	•0	.0	•0
49-60	.0	.0	•0	٠٥	.0	.0	.0	•0	•0	.0	.0	•0	.0	•0
61-70	. ၁	.0	.0	•0	.0	.0	•0	•0	•0	.0	٠.	•0	•0	•0
71-86	٠.٥	.0	•0	•0	.0	.0	•0	•0	•0	•0	.0	•0	•0	.0
87+	. 0	.0	•0	•0	.0	.0	•0	•0	.0	•0	.0	•0	•0	•0
TOT PCT	.0	.0	•0	•0	.0	.0	•0		3,3	•0	.0	•0	•0	4.2
				E							SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1		.0	.0	.0	.5	.0	. 0	·,i	3.3	.0	.0	•0	•0	4.2
1-2	2.5	11.7	.0	.0	.0		14.2	.0	15.0			ŏ	.0	15.0
3-4	.0	15.0	3.3	.0	.6	.0	10.3	ŏ	5.0	3,3		•0	.0	1.3
5-0	ō	6.7					6.7	ŏ		10.0		•0	.6	10.0
7	ō	.0	5.8	.0	.0	.0	5.8	.0	.0		.0	.0	.0	, A
8-9	.0	.0	0.0	.0	. 0	.0	.0	.0	.0	.0	.0	•0	.0	.0
10-11	. 0	.ŏ	.0	.0	. 6	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	. 0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.ò	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	•0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	٥٠	•0	.0	.0
26-32	.0	.0	.0	•0	.0	•0	.0	.0	.0	.0	.0	.0	.0	•0
33-40	.0	.0	•0	.0	.0	.0	.0	.0	.0	•0	.0	•0	.0	.0
41-48	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0
49-60	.0	.ŏ	•0	.0	.0	.0	.0	.0	.0	.0		•0	.0	•0
61-70	. 0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	•0	.0	•0
71-66	ō	.0	.0	.0	'n	.0	.0	.0	.0	.0	.0	•0	.0	.0
87+	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0
TOT PCT	2.5	33.3	9.2	•0	.0	.0	45.0		24.2	14.2	.0	•0	.ŏ	39.2

	*****								APRIL							
PERIJD:	CUVE	K-ALL)	1403-1	404				TABLE	18 (CONT	)			PREA	0012 \$	5 114	
				P¢	T FREO	OF WIND	SPEED	(KTS)	AND DIREC	TION	VERSUS S	EA HEIG	HTS (FT	)		
HGT	1-3	4-10	11-21	5 27-33	34-47	48+	PCT		1-3	4-10	11-21	Sw 22-33	34-47	41+	PCT	
<1	2.5		40	.0	.0	7.0	2.5		0	7-10		.0	.0		.0	
1-2		.0	.0	.0	.0	.ŏ			ŏ	.0			.0	.ŏ		
3-4	.0		۰٥		ŭ				ŏ	ŏ		.0				
5-6	.0	2.5	.0	.0	.0	.0	2.5		.0	.0		.0	.0	.0	.0	
7	.c	.0	.0	.0	.0	.0	.0		.0	.0		.0	•0	.0	.0	
8-9	•0	.0	•0	.0	.0	.0	.0		.0	.0		.0	•0	.0	.0	
10-11	.0	.0	•0	.0	.0	.0	.0		•0	•0		.0	•0	.0	.0	
12	.c	.0	•c	.0	.0	.0	.0		•0	.0		.0	•0	.0	.0	
13-16	•0	.0	•0	.0	.0	.0	.0		•0	•0		•0	•0	•0	.0	
17-19	.0	٠.	•0	.0	.0	.0	•0		•0	•0		•0	•0	.0	.0	
20-22	.0	.0	•0	•0	.0	•0	•0		•0	•0		.0	•0	.0	•0	
23 <b>-25</b> 26 <b>-3</b> 2	.0	.0	•¢	.0	.0	•0	•0		•0	•0		-0	•0	٠,٥	•0	
33-40	.0	:0	•0	.0	.0	•0	•0		•0	•0		.0	•0	.0	•0	
41-48	.0	.6	•0	.0	.0	.0	•0		.0	•0		•0	•0	•0	•0	
49-60	.0		۰	.0	.0	.0	•0		ň	.0		•0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	:0	•0		.0	.0		••	.0	:0	:0	
71-86		.0	•0	.0	.0	.0			.0	.0		.0	.0	.0		
87+	ŏ	.6		.0	.0		.0		ŏ			.0	.0	:ŏ	.0	
TOT PCT	2.5	2.5	.0	ŏ	Ď	.0	5.0		.0	.0		.0	.0	.0	.0	
				_								NH				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	41.	PCT		1-3	4-10	11-21	22-33	34-47	484	₽CT	PCT
<1	•0	.0	.0	•0	.0	•0	.0		.0	.0		.0	.0	.0		
1-2	.0	6.7	.0	.0	.0	•0	6.7		.0	.0		.0	.0	.0	.0	
3-4	.0	.0	.0	.0	.0	.0	.0		.0	.0		.0	•0	.0	.0	
5-6	.C	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	•0	.0	.0	
7_	•0	.0	• 0	.0	.0	.0	.0		.0	.0		•0	•0	.0	.0	
8-9	•0	.0	•0	•0	•0	•0	•C		•0	•0		-0	•0	.0	•0	
10-11	•0	•0	•0	•0	.0	•0	•0		•0	•0		-0	•0	•0	•0	
12	٠.	.0	•0	.0	• 2	•0	•0		•0	.0		•0	•0	•0	.0	
13-16	٠.0	.0	•0	•0	•0	•0	•0		•0	.0		•0	•0	.0	•0	
17-19 20-22	.0	.0	• 0	•0	• ?	•0	•0		.0	.0		.0	•0	٠,	•0	
23-25			•0	••	.0	•0	.c		.c .o	.0		.0	•0	.0	.0	
26-32	.0		.0	.0	.0	.0	.0		ő	.0		.0	•0			
33-40		.0	.0	.0	.0	.0	.0		.0			.0	•0	.0	.0	
41-42	.0	.0	•0	.0	.0	.0	.0		.0	.0		.0	•0	:0	.0	
49-60	č	.0	.0	.0	.5	.0	.0		ő	·ŏ		.0	•0	.0	.0	
61-70	č	.0	•0		.0		.0		ŏ	.0		.0	.0	:0		
71-86		.0	•0		.0		.0		ŏ	.0			•0	.0	ĕ	
87+	. 5	.0	•0	.0	.0	.0	.0		.0	.0			• 5		.0	
TOT PCT	.0	6.7	.0	.0	.0	.0	6.7		.0	.0		.0	•0	.0	.0	100.0

	wIND	SPEED	(KTS)	VS SEA	MEIGHT	(FT)		
нат	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	3.3	3.3	.0	.0	.0	.9	6.7	1193
1-2	3.3	36.7	.c	ō	.0	.0	40.0	
3-4	.0	29.0	6.7	.0	.0	.0	26.7	
5-6	.0	10.0	10.0		.0		20.0	
7	.0	.0	6.7		.0			
8-9	.0			.0			. i	
10-11	.0	ŏ	.č	.0		·ŏ		
12	.0	•6	.č	.0	.ŏ	·ŏ	:ö	
13-10	.0	.0	.č	ě		.0	ö	
17-19	•0	•0	٠.	•0	.0		.0	
20-22	.0	•0	.¢	.0	.0	.0	.0	
23-25	.0	•0	.0	.0	.0	٠.0	.0	
26-32	.0	•0	.0	.0	.0	.0	.0	
33-40	.0	•0	. C	.0	.0	.0	.0	
41-48	.0	.0	٠.	.0	.0	.0	.0	
49-6C	.0	.0	.c	.0	.0	.0	.0	
61-7C	.0	.c	.c	.0	•0		.0	
71-00	.0		.c	.0	.,	ň		
67+	.0	.0	.c		·í	.0	:0	
- 10	•0	• 0		.0	U	•0	.0	
TET PET	<b>6.7</b>	70.0	23.3	.0	.0	.0	100.0	30

PERIO	): (DV	ER-ALI	) 199	0-196	9				TA	<b>O</b> LE 1	9											
					PFRCENT	FRE	DUENCY	QF H	AVE	HE IGH	T (FT	) VS	HAVE P	FRICD	(SECON	DS1						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-7	10-11	1	2 13	-16 1	7-19 7	20 <b>-</b> 22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6_	2.0		18.4	12.2		.0	.0		0	•0	.0	:0	.0	.0		.0	.0	.0	.0	.0	27	4
6-7 8-9	•0	4.1	2.0	4.1		.0	.0		0	.0	.0	.0	.0	.0		.0	.0	:0	:8	:0	3	:
10-11	.0	2.0	.0	.0	.0	.0	.0		0	.0	.ŏ	.0	.0	.0		.0	.o	.ŏ			i	2
12-13	•0	.0	2.0	.0		٠.	•0		0	٠.٥	.0	.0	.0	.0		.0	.0	٠.	•0	.0	1	3
>13		0	0	٠.٥		.0	•0		0	.ç	.0	.0	.0	.0		.0	٠,٥	.0	.0	•0		
INDET	••1	4.1	2.0	.0	٠,	.0	•0	•	0	•0	٠0	:0	•0	.0	.0	.0	.0	.0	•0	.0		1
TOTAL	4.3	28.4	15	24.5	. ;	Ď	0		0	ç	9		ŏ	9		0	Ď	ŏ	0	0	100.0	3

PERIUD:	(PRIMARY)	1887-1-71
	(DVER-ALL)	1860-1971

TABLE 1

AREA 0012 SQUTHEAST JAVA 8.75 114.3E

PERCENT F	REQUENCY	OF	HEATHER	DCCURRENCE	84	WIND	DIRECTION
-----------	----------	----	---------	------------	----	------	-----------

				RECIPI	TATIO	N TYPE					UTHER	WEATHER	PHEND	MENA	
WND CIR	RAIN	#AIN Shur	DATL	FRZG PCPN	SNOR	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST HDUR	THOR LTNG	FDG WD PCPN	FOG WO PCPN PAST HR	SHUKE		
N	.0	٠.	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	•0	100.0
NE	5.6	.0	.0	.0	.0	.0	٠.0	5.6	•0	.0	5.6	•0	.0	•0	88.7
E	1.0	6.4	.0	.0	.0	.0	.0	7.2	1.0	2.1	1.0	.0	•0	.0	88.7
ŠE		. 5	.õ	.0	.0	.0	.0	.9	. •	.0	. 9	.0	3.6	.0	93.7
Š	.0	.0	.0	.0	.0	.0	.c	.0	.0	.0	-0	.0	.0	•0	100.0
Sw	.ŏ	.0	.ŏ	.0	.0	.0	.c	.0	.0	.0	.0	.0	.0	.0	100.0
	.0	.ŏ	.0	.0	.0		.c	.0	.0	.0	.0	.0	•0	.0	100.0
NH	.ŏ						.č	.0	.0	.ŏ		.0	.0		100.0
VAZ					.0			.0	.0	.ŏ	.0	ò	•0		.0
					.0				25.0		25.0	.0	.0		50.0
CALP	.0	.0	.0	.0	••		••					••	••	••	
TOT PCT	1.4	2.1	.0	.0	.0	.0	.c	3.5	1.4	.7	2.1	•0	1.4	•0	90.9

TARLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

PRECIPITATION TYPE										OTHER	HEATHER	PHEND	MENA		
HOUR (GMT)	RAIN	RAIN SHER	DR7L	FRZG PCPN	SNOW	OTHER FRZY PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THDR LTNG	FDG WB PCPN	FOG WO PCPN PAST HR	SMOKE	SPRAY ALWG DUST BLWG SNOW	
00603 06609 12615 18621	.0 .0 2.1 3.2	2.3 4.5 2.1	.0 .0 .0	.0	.0	•••	.0 .0 .0	2.3 4.5 4.2 3.2	9.1 .0	.0 .0 .0	•.• •0 •0	.0	2.3 .0 2.1	.0 .0 .0	88.6 86.4 93.8 93.5
TOT PCT	1.4	2.1	.0	•0	•0	•0	.c	3.4	1.4	.7	2.1	•0	1.4	•0	91.0

### TARLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		415	D SPEE	a (KN	075)								HOUR	(GHT)			
ALD GLW	0-3				34-47	48+	TOTAL OBS	PCT FR#Q	MEAN SPD	00	03	06	09	12	15	1.6	21
N.	6	1.3	1.3	.0	•0	•0		1.9	5.7 7.3	10.3	4.1	16.7	.0	1.1	1.0	10.0	4.3
N.E	2.7	21.3	11.0	3.1	.1	.0		38.3	10.4	50.8	35.9	37.5	41.7	32.3	37.5	33.8	37.1
ŠĒ	3.2	18.6	12.9	.6	. i	.0		35.4	9.4	29.4	32.9	29.2	41.7	47.0	30.8	32.5	29.3
Š	1.2	6.0	. 0	٥.	•0	.0		8.1	6.4	2.4	7.1	8.3	10.2	11.7	8.7	13.8	6.4
Š»	.6	1.2	.1	.0	.0	.0		1.9	6.0	1.6	.6	.0	.,	1.1	3.8	. 3	5.0
	. 5	.4	.1	.0	.0	•0		1.1	5.5	•0	2.9	.0	.0	•0	2.9	.0	
N»	.5	1.6	.2	.0	.0	.0		1.6	8.2	1.6	1.2	.0	.0	1.1	6.7	.0	2.1
VAR		.0	.0	.0	.0	.0		.0	.0	•0	.0	.0	.0	-0	.0	.0	.0
CALF	3.5	• •	•	-				3.6	.0	3.2	4.7	8.3	.0	1.1	3.8	10.0	5.7
TOT CAS	62	249	119	17	1	3	448		9.0	63	85	12	54	92	52	20	70
TOT PCT	11.6	55.6	26.6	3.8	. 2	٥٠		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

# TABLE 3A

WND DIR	0-6	#IND 7-16	SPEED 17-27	(KNCTS) 28-40	41+	TOTAL DBS	PCT FREQ	MEAN SPD	00	HBUI 06 09	12 13 15	16 21
N	1.1	. 8	•0	•0	.0		1.9	5.7	2.7	0	1.0	3.3
٧E	3.9	3.9	.0	.1	٠.		7,9	7.3	10.5	7.6	4.7	4.7
p.	12.1	20.3	4.8	1.1	.0		38.3	10.4	42.2	40.9	34.2	36.4
\$E	11.2	20.0	4.1	•1	.0		35,4	1.1	31.4	39.4	41.1	30.0
ŝ	5.2	2.9	•0	.0	.0		0.1	6.4	5.1	7.4	10.6	8,1
ŤW	1.1		.0	ŏ	.ŏ		1.0	6.0	1.0		2.1	3.9
,,,,	7			.0			1.1	5.5	1.7	.0	1.0	1.1
Ÿu		1.2	.0	ŏ			i.6	1.2	i.4		3.1	1.7
VAR	:5	•:•		.0				7.5	õ	ŏ		
		• •	•0	••	••							
CALM	3.6				_		3.6	0	4.1	1,5	2.1	6.7
TOT ORS	177	225	40	6	٥	448		7.0	148	. 66	144	90
TOT PET	39.5	50.2	*.*	1.3	.0		100.0		100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1887-1971 (OVER-ALL) 1860-1971

,我们就是这种是一个,我们就是这个人,我们就是这种,我们就是这种,我们就是这种是一个,我们就是这种的,我们就是这种,我们是这种,我们就是这种,我们就是这种,我们 1990年,我们就是这种是一个,我们就是这种的,我们就是这种的,我们就是这种的,我们就是这种的,我们就是这种的,我们就是这种的,我们就是这种的,我们就是这种的,我

TARLE 4

AREA 0012 SDUTHEAST JAVA 8.75 114.3E A STATE OF THE PROPERTY OF THE

#### PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

				WIND	SPEED (	KNOTS)			PCT	TOTAL
HUCH	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FREQ	OBS
60200	4.1	14.2	52.0	25.0	4.1	.7	.0	9.1	100.0	148
90360	1.5	1.5	63.6	30.3	3.0	.0	.0	9.4	100.0	66
12615	2.1	9.7	52.8	31.3	4.2	.0	.0	4.2	100.0	144
18221	6.7	11.1	60.0	18.9	3.3	.0	.0	8.0	100.0	90
TOT	16	46	249	119	17	1	0	9.0		448
007	3.4	10.3	88.4	94.4	2 8		. 0		100.0	

TARLE 5

TABLE 6

•	CT FRE			CLOUD A D SIREC		(EIGHTHS)		1					CEILIN NH <5/					
WND DIR	0-2	3-4	5-7	e C OBSCD	TOTAL CBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 994	1000	2000 3499	3500 49 <b>9</b> 9	5000 6499	6500 7 <b>99</b> 9		NH <5/8 ANY HGT	
4	.0	.0	2.5	.0		5.0	•0	•0	.0	•0	.0	.0	2.5	.0	•0	.0	.0	
NE	5.0	2.5	5.0	•0		3.8	•0	• 0	. 0	.0	2.5	.0	.0	.0	.0	.0	10.0	
£	13.1	10.0	9.4	5.0		3.8	•0	• 0	.0	.0	2.5	.0	4.4	• 0	.0	.0	30.6	
ŠĒ	16.9	7.5	6.3	•0		2.9	•0	•0	.0	2.5	.0	.0	.6	•0	.0	.0	27.5	
S	2.5	5.0	4.4	•0		3.2	•0	•0	.0	.0	.0	.0	.0	•0	.0	.0	11.9	
SW	.0	.0	.0	•0		•0	•0	• 0	.0	.0	.0	.0	.0	•0	.0	.0	•0	
¥	.0	.0	.0	•0		•0	•0	• 0	.0	.0	.0	.0	.0	•0	•0	.0	•0	
NW	. 0	.0	.0	.0		.0	• 0	.0	.0	.0	.0		.0	•0	•0	. 0	•0	
VAR	.0	.0	•0	•0		•0	• 5	• 0	.0	.0	.0	.0	.0	•0	.0		-0	
CALM	.0	2.5	2.5	•0		4.0		•0	.0	.0	.0	.0	.0	.0	•0	.5	5.0	
TOT USS	15	11	12	2	40	3.5	Ó	```	Ťo	1	2	Ť	` j	Ó	0	Ö	34	40
TOT PCT	37.5	27.5	30.0	5.0	100.0	•	•0	• 5	.0	2.5	5.0	•0	7.5	•0	+0	.0	85.0	100.0

TARLE 7

CUMULATIVE PCT FRED OF SIMULTANEOUS DCCURRENCE OF CEILING HEIGHT (NH 34/8) AND VSBY (NH)

				VSBY (NE	1)			
CEILING	• UR	- DA	- DR	· CR	• DR	• CR	■ DR	● DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
■ nR >6500	.0	.0	.0	.0	•0	.0	.0	.0
■ PR >5000	.0	.0	.3	.0	.0	.0	.0	.0
■ CR >3500	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5
a PR >200D	5.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5
■ DR >1000	10.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5
■ TR >600	12.5	15.0	15.0	15.0	15.C	15.0	15.0	15.0
■ PP >300	12.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0
■ DR >150	12.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0
■ DR > 0	12.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0
TOTAL	5	4	6	6		6	6	6

DTAL NUMBER OF DBS: 40

PCT FRED NH <5/8: 85.0

TABLE 7A

PERCENTAGE FREG DF LOW LLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD DBS

2.1 14.6 43.8 20.8 6.3 8.3 2.1 .0 2.1 .0 48

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PERIOD: (PRIMARY) 1887-1971 (OVER-ALL) 1860-1971

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	AREA 0012	SOUTHEAST	JAV
PABLE 0		8.75 114.3	

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ALL) I	160-1971		TABLE 4										8.7S		
		PERCENT FREQ 'F WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE ( PREL_PITATION WITH VARVING VALUES OF VISIBILITY									E OF				
VSSY (NN)		N	NE	£	SE	S	Sw	w	NW	VAR	CALM	PCT	TOTAL DBS		
	PCP	.0	.0	.0	•0	•0	•0	.0	•0	.0	.0	.0			
<1/2	NO PCP	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0			
	TOT \$	.0	0	•0	.0	•0	•0	.0	•0	•0	•0	.0			
	PÇP	.0	.0	.0	•0	•0	•0	.0	•0	.0	.0	.0			
1/2<1	ND PCP	.0	.7	•0	•0	•0	•0	.0	•0	.0	.7				
	TOT \$	.0	.7	•0	•0	•0	•0	.0	•0	•0	•7	1.4			
	PCP	.0	.7	.0	•0	•0	.0	.0	.0	.0	+0	•7			
1<2	NO PCP	.0	•0	•0	•7	•0	•0	.0	•0	٠.	.0	.7			
	TOT \$	•0	.7	.0	•7	•0	•0	.0	•0	•0	•0	1.4			
	PCP	.0	.0	.0	.0	•0	.0	.0	.0	٠.	.0	.0			
2<5	NO PCP	.0	.0	.7	•7	•0	.0	.0	.0	.0	• 0	1.4			
	TOT %	.0	.0	.7	.7	•0	•0	.0	•0	.0	•0	1.4			
	PCP	.0	.0	2.4	.3	•0	•0	.0	.0	.0	•0	2.8			
5<10	NO PCP	.7	4,9	10.5	16.4	1.7	• 0	.7	•0	.0	.0	35.0			
	TOT %	.7	4,9	12.9	16.8	1.7	•0	.7	•0	.0	•0	37.8			
	PCP	.0	.0	•0	.0	•0	•0	.0	.0	.0	•0	.0			
10+	ND PCP	2.1	6.1	20.3	20.8	4.5	.7	.7	•7	.0	2.1				
	TOT &	2.1	6.1	20.3	20.8	4.5	•7	.7	•7	.0	2.1	58.0			
	TOT 085												143		
	TOT PCT	2.8	12.4	33.9	39.0	6.3	•7	1.4	•7	•0	2.0	100.0			

PERCENT FRED OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY													
VSBY (NM)	SPD KT <b>S</b>	N	NE	E	SE	\$	SW	×	NW	VAR	CALM	PCT	TOTAL DBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	·ò	.0	.0	.0	.0	.0	.0		.ò	
	11-21	.0	•0	•0	•0	.0	.0	.0	.0	.ŏ		ě	
	22+	.0	•0	.0	.0	.0	.0	.0	.0	Ö		.0	
	TOT \$	.0	.0	•0	•0	•0	.0	•0	.0	.0	.0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	
1/2<1	4-10	.0	.0	.0	.0	.0	.0	•0	.0	.0		.0	
	11-21	.0	.5	.0	.0	.0	.0	.0	.0	.0		.5	
	22+	٠.0	٠.	.0	.0	•0	.0	.0	.0	.0		.0	
	101 %	.0	.5	•0	•0	•0	.0	•0	.0	.0	.5	, 9	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	•0	•0	.5	.5	.0	•0	.0	.0		.9	
	11-21	.0	.5	•0	•0	•0	.0	•0	.0	.0		.5	
	22+	.0	.0	.0	.0	•0	.0	•0	.0	.0		.0	
	TOT \$	•0	.5	•0	.5	,5	.0	•0	.0	.0	•0	1.4	
	0-3	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	.0	•0	.5	.5	• 0	٠.0	٠0	.0	.0		.9	
	11-21	.0	.0	•0	•0	•0	.0	.0	.0	.0		.0	
	22+	•0	•0	.0	•0	•0	.0	•0	.0	•0		•0	
	TOT \$	.0	.0	.5	.5	•0	.0	.0	•0	.0	.0	.,	
	0-3	.0	•0	.9	.0	.0	.0	•0	•0	.0	.0	9	
5<10	4-10	.5	3.2	3.9	3.7	1.2	.0	.5	•0	.0		13.0	
	11-21	•0	•0	3.2	7.4	•0	.0	•0	.0	•0		10.6	
	22+	٠,٥	0	. 5	0	.0	.0	.0	.0	•0		5	
	TOT \$	.5	3.2	8.6	11.1	1.2	•0	.5	•0	.0	•0	25.0	
	0-3	2	2.1	2.0	3.2	. • 7	٠ž	٠ž	٠.0	•0	3.2		
10+	4-10	1.6	3.0	16.7	12.7	4.6	• •	٠ż	.5	•0		40.3	
	11-21	•0	.3	6.4	7.3	•7	٠2	•5	.0	•0		17.1	
	22+	0	0	0	5	0	0	٠٥	.0	.0		5	
	TOT \$	1.9	5.4	25.0	27.7	6.0	1.4	.7	.5	.0	3.2	71.8	
	TOT DBS	2.3	9.6	34.0	39.7	7.6	1.4	1.2	.5	.0	3.7	100.0	216

PERIOD:	(PRIMARY)	1887-1971
	(DVFR-ALL)	

TABLE 10

AREA 0012 SDUTHEAST JAVA 8,75 114,38 TOWARD TO THE SECOND OF THE STREET WAS ARREST TO THE SECOND SECON

PERCENT	FREQUENCY	OF	CFIL	ING	HEIGHT	S IFEETAN	H >4/8;	AND

HOUR (GHT)	U00 149	190 299	300 599	999	1000	2000 <b>3499</b>	3500 4999	5000 6499	6500 7999	6000+	TOTAL	NH <5/8 ANY HGT	TOTAL
00603	.0	•0	•0	•0	10.7	.0	8.3	•0	.0	•0	25.0	75.0	12
06609	.0	•0	•0	•0	.0	.0	.0	.0	.0	•0	.0	100.0	12
12615	.0	•0	•0	10.0	•0	.0	10.0	.0	۰.	•0	20.0	80.0	10
18621	•0	•0	•0	.0	•0	.0	7.1	.0	.0	•0	7.1	92.9	14
TOT PCT	.0	.0	.0	2.1	4.2	.0	6.3	٥.	.0	0			48

TABLE 11

TABLE 12

		PERCE'IT	FREQUEN	CY VSBY	(NH)	BY HOUR	
HOUR (GMT)	<1/2	1/2<1	1<5	2<5	5<10	10+	TOTAL OBS
00603	.0	3.1	1.5	.0	29.2	66.2	65
90360	•0	.0	•0	.0	22.2	77.8	36
12615	•0	. 2	1.4	2.8	33.6	62.0	71
18621	•0	•0	2.2	.0	10.9	87.0	46
TOT PCT	.5	. 2	, 3	2	56	155	218

CUMULAT	CEILIN	PREQ IG HGT	OF RAN (FEET,	IGES D# NH >4/8	VSBY (NH)	AND/OR
HOUR (GMT)	<150 <50Y0	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
60300	.0	.0	.0	27.3	72.7	11
06609	.0	•0	.0	•0	100.0	•
12615	•0	.0	11.1	11.1	77.8	9
18621	•0	•0	.0	9.1	96.9	11
TOT PCT	.0	.0	2,5	12.5	34 85.0	100.0

TABLE 13

	PERC	ENT FR	EQUENC	Y 3F #	ELATIV:	E HUM1	DITY B	Y TEMP		
TEMP F								90-100	TOTAL	PCT
85/89 80/84 75/79 7074L PCT	.0	•0	•0	.0 1.1 .0 1	2.2 2.2 .0 4	5.6 33.3 1.1 36 40.0	37.8 5.6 39 43.3	1.1 7.8 2.2 10	74 8 90	8.9 92.2 8.9 100.0

TABLE 14

	PERC	ENT F	EONENC	V 0# #1	OF WIND DIRECTION BY TEMP						
N			SE						CALM		
2.2 1.7	1.7 12.8 .6	29.7 2.2	32.5 2.2	2.2	.0	.0 .0 1.1	.0 .6	•0	1.1 2.2 1.1		
4.4	15.0	36.4	35.8	2.2	.0	1.1	.4	.0			

TABLE 15

	"EANS,	EXTREM	FS AND	PERCEN	TILES	OF TE	40 (DE	G F) 8	Y HOUR
HOUR (GMT)	MAX	99\$	95±	50%	51	1%	HIN	MEAN	TOTAL
\$0300 \$0360	88 89	87 88	86 87	83 63	79 80	77 78	72	82.0	D&S 145
12515	88 84	86	85 83	82	79 78	78 76	78 78 76	\$3.4 \$1.9	63 139 90
TOT	89	8.8	84				i.	****	70

	PERC	ENT FRE	ONEHÇA	OF RELA	TIVE H	UMIDITY	SY HOUR	
HQUR (GMT)	0-29	20-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00603 06609 12615 18621 707	•••	.0 .0 .5	2,9 13,3 4,8 •0	35.3 60.0 42.9 36.4	52.9 26.7 38.1 40.9	8.8 .0 14.3 18.2	80 75 81 82 80	285 34 15 21 22

PERIUD: (PRIMARY) 1687-1971 (OVER-ALL) 1660-1971

TABLE 17

AREA 0012 SOUTHEAST JAVA 8.75 114.3E

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	77 80	81	85 88	89 92	TOT	FOG	WD FDG
				_			-
7/8	.0	•0	. 9	•0	1	.0	.9
6	.0	.0	.0	. 9	1	.0	. 9
5	.0	.0	.9	•0	1	.0	. 9
5	.0	2.4	. 9	0	į.	.ŏ	3.7
3	.0	2.8	1.9	.0	5	.0	4,6
2	.0	7.4	1.9	.0	10	.0	9.3
1	.0	5.6	2.8	.0	9	.0	8,3
Ó	3.7	25.0	2.8	.0	34	1.9	29.6
-1	.9	14.8	.0	.0	17	.0	15.7
-2	3.7	9.3	.0	.0	14	.0	13.0
-3	2.8	1.9	.9	.0	6	.0	5.6
-4	1.9	1.9	.0	.0	4	.0	3.7
-5	. 9	.9	.0	.0	2	. 0	1.9
TOTAL	15		14	-		2	106
		78		1	108	-	
PC7	13.9	72.2	13.0	. 9	100.0	1.9	98.1

PEPIDD: (DVER-ALL) 1963-1971

				PC	T FRED	OF WIND	SPEED	(KTS)	AND DIRE	CTION V	ERSUS S	SEA HEIG	HTS (FT	ı	
				٧								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-13	34-47	48+	PCT
<1 1-2	•0	.0	•0	•0	.0	.0	.0		•0	.0	.0	•0	•0	.0	.0
3-4	.0	.0	•0	.0	•0	•0	.0		•0	•0	.0	•0	.0	•0	•0
5-0	.5		•0	• ?	•0	•0	•0		•0	.0	.0	-0	•0	.0	٥.
7	:5	.0	•6	.0	• 3	.0	•0		•0	.0	.0	•0	•0	٠.0	.0
8-9	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	•0	•0	.0	.0
10-11	:0	.0	•0	.0		• • • •	•0		.0	•0	.0		•0	.0	.0
12	:5	.0	•0	.0	.0	.0	.0		•0	•0	.0	.0	•0	.0	.0
13-16	:3	.8	•0	.0	.0	.0	•0		•0	•0	.0	•0	•0	.0	.0
17-19	:5	.5	•0	.0	.0	•0	•0		.0	•0	•0	•0	•0	.0	•0
20-22		.ŏ	.0	.0	.0	.0	•0		.0	•0	.0	.0	•0	.0	.0
23-25	:5	.ŏ	.0	.0	.0	.0	.0		•0	•0	.0	.0	•0	.0	.0
20-32	.5		.0	.0	.0	.0			•0	•0	.0	•0	•0	.0	•0
33-40	ŏ	.0	.0	.0	.0		.0		•0	•0	.0	.0	.0	.0	.0
41-48	ě	.0	.0	.0	.0	•0	.0		•0	•0	.0	.0	•0	.0	•0
49-60	.5	.5	.0	.0	.0	.0			•0	•0	.0	.0	•0	.0	.0
61-70	:5		.0	.0	.0	.0	.0		•0	•0	.0	•0	•0	.0	.0
71-86			n	.0	.5	č	•0		.0	•0	•0	.0	•0	•0	•0
87+	.5	.0	.6	.0	.0	.0	•0		•0	•0	.0	•0	•0	•0	•0
TOT PCT	:0	.0	.0	.0	'n	.0	.0		.0	•0	.0	•0	•0	•0	•0
	••	••	•••	••	•"		••		•0	•0	.0	-0	•0	•0	.0
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	3.0	4.0	•0	-0	.0	.0	7.0		1.0	8.0	.0	.0	•0	.0	9.0
1-2	.0	.0	•0	.0	.0	•0	8.C		.0	8.0	.0	.0	.5	.0	8.0
3-4	٠,	11.0	8.0	.0	.0	.0	19.0		.0	13.0	8.0	.0	.0	.0	21.0
5-6	.0	4.0	•0	.0	.0	.0	4.0		.0	.0			ě		
7	. ၁	.0	•0	• • •	.0	•0	.0		•0	.0	8.0	4.0	.0	.0	12.0
8-9	.0	.0	•0	•0	.0	•0	•0		.0	•0	.0	•0	•0	.0	
10-11	.0	.0	•0	-0	.0	•0	•0		•0	•0	.0	.0	•0	.0	•0
:2	.0	.0	•0	•0	. 6	.0	•0		•0	.0	.0	.0	•0	•0	.0
13-16	.0	.0	•0	•0	.0	.0	•0		.0	.0	.0	.0	.0	.0	.0
17-19	• 0	.0	•¢	.0	.0	-0	.0		•0	•0	.0	•0	•0	.0	.0
50-55	.0	.0	•*	• • •	.0	•0	•0		•0	•0	.0	•0	•0	.0	.0
23-25	.0	.0	• ?	.0	.0	•0	.0		•0	•0	.0	•0	•0	.0	.0
26-32	.0	.0	•0	•0	.0	.0	•0		•0	•0	.0	.0	•0	.0	.0
33-40	•0	.0	•0	•0	.0	.0	•0		•0	• 0	.0	•0	.0	.0	.0
41-48	٠,	.0	••	•0	.0	•0	•0		•6	•0	.0	•0	•0	.0	.0
49-67	••	.0	•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	.0	.0
61-70	•0	.0	•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	•0	.0
71-86 87-	٠,5	٠.	•0	•0	•?	•0	.0		•0	•0	•0	•0	•0	.0	•0
170 PCT	••3	0	•0	•0	.0	•0	•0		.0	0	.0	•C	•0	.0	•0
4-11 AC 1	3.0	27.0	•.0	• • •	•0	•0	30.0		1.0	29.0	16.0	4.0	•0	.0	50.0

PERIODI	/OVE	41.1	1043_1	<b>47</b> 1					MAY					APEA	0012 S	MITHE A	T IAVA
- Bylon:	1045		1703-1	711				TABLE	18 (0	CTME						5 114	
				PC	T FREQ	OF WIND	SPEED	(KTS)	AND D	IRECTIO	N 1	VERSUS S	EA HEIG	HTS (FT)			
				5									SW				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT				10		22-33	34-47	48+	PCT	
<1 1-2	.0	4.0	•0	.0	:0	•0	4.0				:0	.0	•0	•0	.0	:0	
3-4	٠٥	.ŏ	.0	:0		ě	ŏ				ŏ	.0	:0	ŏ	ŏ	ĕ	
5-6	.0	.0	.0	.0	.õ	.0	.0				.0	.0		.0	.0	ŏ	
7	.0	.0	.0	.0	.0	•0	•0			n	.0	.0	•0	.0	.0	.0	
1-7	.0	.0	.0	.0	.0	•0	.0			.0	.0	.0	.0	•0	.0	.0	
10-11	.0	.0	•0	.0	.0	•0	.0				•0	•0	•0	•0	.0	.0	
12	•0	.0	•0	.0	•0	•0	•0			•0	•0	•0	•0	•0	.0	.0	
13-16	٠.٥	•0	•0	.0	.0	•0	•0			•0	٠ŏ	•0	•0	•0	.0	•0	
17-19 20-22	.0	.0	•0	•0	.0	٠.0	.0			.0	:0	•0	•0	•0	.0	.0	
23-25	.0	.0	•0	.0	.0	.0	.0			0	:0	•0	•0	•0	:0	:0	
26-32	.0	:0	.0	.0	ö	.0	.0			ő	.0	.0	.0	•0		.0	
33-40		ŏ	.0	.0						ň	ŏ	.ŏ	.0			.0	
41-48	.o	.0	.0	iò	.0	.0	.0			. 0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	•0	•0			.0	.0	•0	•0	•0	.0	.0	
61-70	.0	.0	.0	.0	'n	•0	•0			.0	•0		•0	.0	•0	.0	
71-86	.0	.0	•0	•0	.0	•0	.0			.0	•0		•0	•0	.0	•0	
87+_	•0	.0	•0	•0	.0	•0	•0			•0	•0		•0	•0	•0	•0	_
TOT PCT	•0	4.0	•0	•0	•0	•0	4.0			•0	•0	•0	•0	•0	•0	.0	
				w									NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1	-3 4.	-10	11-21	22-33	34-47	48+	PCT	PCT
<1	.0	.0	•0	.0	.0	•0	.0			•0	.0	.0	•0	•0	.0	.0	
1-2	.0	.0	•0	•0	.0	•0	.0			.0	.0		•0	•0	.0	•0	
3-4	•0	.0	•0	•0	.0	•0	•0			.0	•0		•0	•0	.0	•0	
5-6	.0	.0	•0	•0	•0	•0	•0			•0	•0		•0	•0	.0	.0	
7 8-9	.0	.0	•0	.0	.0	•0	•0			•0	.0		•0	•0	.0	.0	
10-11	.0		•0	.0	.0	.0	.0			ŏ	.0			•0	.0	.0	
12		.ŏ	40		.0		.0			ŏ	ŏ			•0	ö	.0	
13-16	.0	.0	.0	.0	.0	.0	.0			ñ	.0		•0	•0	ĬŎ	.0	
17-19	.0	.0	.0	.0	.0	•0	.0			.0	.0		•0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	•0	.0			.0	.0	.0	.0	•0	.0	.0	
23-25	.0	.0	•0	.0	.0	•0	•0			•0	. U		•0	•0	.0	.0	
26-32	.0	.0	.0	٠.	.0	•0	•0			•0	.0		•0	•0	.0	.0	
33-40	•0	.0	•0	•0	• 2	.0	.0			•0	•0		•0	•0	•0	•0	
41-48	٠.	.0	•0	•0	•0	•0	•0			•0	•0		•0	•0	•0	•0	
49-60 61-70	.0	.0	•0	.0	.0	•0	•0			•0	.0		• • •	•0	.0	•0	
71-86	.0	:0	•0	.0	.0	•0	.0			.0	.0		•0	.0	:0	•0	
87+	.0	:0	.0	.0	.0	.0	.0			.0	iŏ		.0	.0	.ŏ	•0	
TOT PCT	.0		.0	.0	.0	.0	.0			Ö	.0		.0	.0	.ŏ	•0	92.0
			40			- •	•••			• *	• •					••	

	KIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	12.0	16.0	•0	•0	.0	.0	28.0	785
1-2		16.0	.0	ň	.ŏ	.0	16.0	
3-4		24.0	16.0		, ò	.0	40.0	
5-6		4.0			.0	.0	4.0	
7	.0	•.0	8.0			.0	12.0	
8-9							12.0	
	.0	•0	.0					
10-11	.0	•0	.0		.0		•0	
12	.0	•0	.0	.0	.0	•0	•0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0		.0		.0	
23-25	.0	•0	.0		.0		.0	
26-32	·ŏ	.0	.c		.0		.0	
33-40	.ŏ				.õ			
41-48	•0	•0	-0		.0		•0	
49-60	.0	•0	.c	•0	.0	.0	.0	
61-70	.0	•0	.0	.0	.0	.0	.0	
71-86	.õ	•0	•0			.0	.0	
87+	.0	.0	.0				.0	
•,,	••	••	••	••	•••	•••		25
TOT PET	12.0	60.0	24.0	4.0	.0	-0	100.0	25

AND STATES AND STATES

PERIOD: (DVER-ALL) 1950-1971 TABLE 19 3-4 17.1 5.7 .0 2.9 2.9 .0 .0 10-11 48AN HUT 2 5 7 3 5 71-86 .0 .0 .0 .0 .0 .0 61-70 .0 .0 .0 .0 .0 TOTAL 15 11 2 1 2 0 4 25 100.0 1-2 11.4 5.7 .0 .0 .0 .0 .0 .0 .0 .0 .0 7 2.9 5.7 .0 2.9 .0 .0 2.9 .0 .0 .0 .0 .0 .0000000000 5-6 5.7 14.3 .0 .0 .0 .0 .0 .7 20.0 ...... 0000000000 000000000 0000000000 ....... 0000000000 000000000 000000000

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PERIOD: (PRIMARY) 1880-1969 (OVER-ALL) 1857-1969

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TABLE 1

AREA 0012 SQUTHEAST JAVA 8.85 114.4E nnerber des na respera separa para interpretation of propries and desperate designations and anti-parable of the

PERCENT FREQUENCY OF WEATHER OCC	URRENCE BY WIND	DIRECTION
----------------------------------	-----------------	-----------

				RECIPI	CITAT	N TYPE					OTHER	WEATHER	PHEND	HENA	
WND DIR	RAIN	RAIN SHWR	ORTL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SMOKE	SPRAY LWG DUST	
N	.0	.0	.0	.0	.0	.0	.0	.0	•0	66.7	.0	.0	.0	•0	33.3
NE	.0	.0	.0	٠.	.0	.0	.0	.0	•0	.0	.0	.0	•0	•0	100.0
E	.0	2.2	.0	.0	.0	. 0	.0	2.2	.0	1.8	4.4	.0	1.8	• 0	89.9
ŠE	.ŏ	1.0	.0	.0		.0	.0	1.0	.0	.0	4.2	ō	4.2		90.7
Š		.0	.ŏ	.0	.0	.0	.0	.0	10.0	.0	10.0	.0	.0		80.0
Šw		.ö	.ŏ	.0			.0	. 6	.0	.ŏ	8.3	ō	.0		91.7
2				.0					•0	ŏ		ŏ	•0		100.0
Ñ¥	.ŏ	ě	.ö		.ŏ			ŏ	ŏ		.ŏ	:0	ě		100.0
VAR	:0		.ŏ	.ŏ	·ŏ			:0	.ŏ	ŏ	.0	iö	ě	ŏ	.0
						.0									
CALM	.0	.0	.0	.0	•0	•0	.0	.0	•0	.0	•0	•0	•0	•0	100.0
TOT PCT	.0	1.3	.0	.0	•0	•0	•0	1.3	.6	1.3	4.4	.0	2.5	.0	90.0

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	DITAT	N TYPE					DTHER	WEATHER	PHENO	MENA	
HOUR (GMT)	RAIN	PAIN SHWR	DRZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIMP	PCPN PAST Hour	THOR LTNG	FOG 40 PCPN	FOG WO PCPN Past Hr	SHUKE HAZE	SPRAY BLWG DUST BLWG SNOW	
00£03 06£09 12£15 18£21	.0	4.0 .0 .0	.0	.0	.0	.0	.0	4.0 .0 .0	2.0 .0 .0	.0 •.1 •0	6.0 6.3 4.1 3.0	.0	2.0 3.1 4.1	•0 •0 •0	86.0 90.6 87.8 97.0
TOT PCT	.0 164	1.2	.0	.0	•0	•0	•0	1.2	.6	1.2	4.9	•0	2.4	•0	89.6

TABLE 3

#### PERCENTAGE FREQUENCY OF W. 40 DIRECTION BY SPEED AND BY HOUR

		wIN	ID SPE	EC (KN)	3TS)								HOUR	(GMT)			
WND DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21
N NE	.5	1.3	1.3	.0	•0	•0		3.3	8.7	3.0 3.4	4.2	.0	1.6	1.2	3.7	2.3	2.1
ŠĒ	1.2	20.7	18.9	1.7	.0	.0		40.4 39.1	10.9	33.5 35.1	39.0	43.4 51.3	43.7	37.2 43.0	38.9 37.0	38.6	37.1
Šw	.5	2.7	1.9	.0	•0	.0		7.2	9.5 7.2	5.2	1.9	5.3	7.1 2.4	7.6	7.4	4.5	12.1
N <sub>h</sub>	.3	.7	•0	.0	•0	.0		:7	7.8 3.7	3.0	•0	.0	•0	•0	1.9	•0	1.4
VAR CALM	3.4	.0	•0	•0	•0	••	440	.0 3.4	0	4.9	3.9 77	•0	3.2 63	1.2	5.6	•0	4.3 70
TOT DBS	37 7.9	233 49.7	183 39.0	14 3.0	.4	.0	469	100.0	10.3	82 100.0	100.0	100.0		82 100.0	54 100.0	100.0	

	24	

NNO DIR	0-6	WIND 7-16	SPEED 17-27	(KNDTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 03	HDUR 06 09	(GHT) 12 15	18 21
N	1.0	.4	.0	.0	.0		1.4	4.9	1.9	0	1.1	2.2
NE	1.3	1.8	•2	.0	٠0		3,3	8.7	3,8	1.2	4.6	2.2
ŧ	9.2	23.4	7.2	.6	.0		40.4	11.5	41.0	43.6	37.9	40.2
SE	7.0	26.2	5.9	•0	.0		39.1	10.9	36.9	44.2	40.6	35.9
Š	2.7	3.4	1.2	.0	.0		7.2	9.5	5.5	6.7	7.5	10.3
Šw	2.0	1.7	ī	ŏ			3.7	7.2	3,3	1.8	4.6	4.9
W	.2	.5	.0	.0	•0		.7	7.8	1.6	.0	.7	•0
NW	.7	.0	.0	•0	.0		.7	3.7	1.6	.0	٠.	1.1
VAR	.0	•0	.0	.0	.0		.0	.0	.0	.0	.0	•0
CALM	3.4						3.4	.0	4.4	2.4	2.9	3.3
TOT ORS	129	269	60	3	٥	469		10.3	159	- # ź	136	92
TOT PCT	27.5	57.4	14.5		.0		100.0		100.0			100.0

PERIOD: (PRIMARY) 1880-1969 (OVER-ALL) 1857-1969

TAPLE 4

AREA CO12 SOUTHEAST JAVA 8.85 114.4E

PERCENTAGE	FREQUENCY	OF.	WIND	SPEED	84	HOUR	(GMT)

HQUR	CALM	1-3	4-10		SPEED (		48+	MEAN	PCT FREQ	T9T 4L 0/ \$
60200	4.4	6.9	46.5	38.4	3.1	.0	.0	10.5	100.0	157
₩0380	2.4	3.7	39.0	51.2	3.7	.0	.0	11.5	100.0	04
12615	2.9	2.9	55.1	36.0	2.9	.0	.0	10.0	100.0	136
18621	3.3	3.3	56.5	33.7	2.2	1.1	.0		100.0	92
TUT	16	21	233	183	14	2	O	10.3	•	469
PCT	3.4	4.5	49.7	39.0	3.0	. 4	-0		100.0	-

TAPLE 5

TABLE 6

									-									
•	CT FPS			CECUD A		(EIGHTHS)		1					CEILIN					
WND DIR	0-2	3-4	5+7	3 & 08505	TETAL CBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH <5/8	
4	.0	1.3	•0	٠,٠		3.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	۰,0	1.3	
NE	.6	. 3	.0	•0		1.6	•0	• 0	.0	.0	.0	.0	.0	•0	.0	.0	.9	
E	20.9	13.6	8.5	•0		7.0	•0	•0	.0	.0	.0	1.9	1.3	•0	.0	.0	39.9	
ŠE	16.5	15.2	6.6	2.5		3.1	•0	.0	.0	•0	1.3	3.2	1.3	•0	.5	.0	35.1	
Š	5.1	.0	1.3	2.2		4.1	•0	.0	.0	1.3	1.3	•0	. 9	.0	.0	.0	5.1	
S¥	1.3	1.3	•0	. 3		9.1	•0	•0	.0	.0	.0	•0	.3	+0	•0	.0	2.5	
<u>.</u>	1.3	.0	1.3	.0		3.0	.0	.0	.0	.0	1.3	.0	.0	.0	•0	.0	1.3	
ÑW	.0	.0	•0	.0		.5	•0	.0	.0	.0	0		.0	•0	•0	.0	•0	
VAR	.0	.0	. 5	.0		.0	•0	•0	.0	.0	.0	.0	.0	•0	.0	.0	•0	
CALM	.0	.0	.0			.0	•0	•0	.0	.0	.0	.0	.0	•0	.0	.0	•0	
TOT OBS	36	25	14		79	3.1	Ŏ	0	ő	1	3	4	3	Ď	Ö	0	68	79
TOT PCT	45.6	31.6	17.7	5.1	100-0		•0		.0	1.3	3.4	5.1	3.8	•0	•0	-1	86.1	100.0

TARLE 7

CUMULATIVE PCT FREQ	OF SIMULTANEOUS	DCCURRENCE
OF CELLING HEIGHT	INH SAIRS AND V	SAV INNI

				VSBY (NH	1)			
CEILING	<ul><li>DR</li></ul>	• OR	= DR	■ 17R	• DR	• DR	• DR	= DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	.0	.0	.0	.0	•0	.0	•0	.0
<ul> <li>⊕ @R &gt;5000</li> </ul>	.0	• 0	.0	.0	.0	•0	•0	.0
<ul> <li>DR &gt;3500</li> </ul>	2.6	3.8	3.8	3.8	3.8	3.6	3.8	3.8
<ul> <li>□ PR &gt;2000</li> </ul>	6.4	7.0	9.0	9.0	9.0	9.0	9.0	9.0
■ PR >1000	9.0	12.8	12.0	12.8	12.8	12.8	12.6	12.8
■ CR >600	10.3	14.1	14.1	14.1	14.1	14.1	14.1	14.1
■ DR >300	10.3	14.1	14.1	14.1	14.1	14.1	14.1	14.1
■ OR >150	10.3	14.1	14.1	14.1	14.1	14.1	14.1	14.1
• TR > 0	10.3	14.1	14.1	14.1	14.1	14.1	14.1	14.1
TOTAL		11	11	11	11	11	11	11

TOTAL NUMBER OF OBS: 75

PCT FRED NH <5/81 85.9

TABLE 74

## PERCENTAGE FREQ DE LOW CLOUDS (EIGHTHS)

0	1	2	3	4	9	6	7	8 0	B°CD	DBS	
6.0	19.3	14.9	19.3	6.0	4.8	3.6	1.2	4.8	-0	83	

								JUNE						
(PRIPARY) 18 (OVER-ALL) 18	880-1969 857-1969		TABLE 8						ARE	AREA OOLZ SOUTHER				
		P	RCENT		DF HIN								E OF	
VSBV (NM)		4	NE	8	SE	s	Sw	w	NW	VAR	GALH	PÇT	TOTAL	
<b>c</b> 1/2	PCP NO PCP TOT %	.0	.0 .0	.0 .0	•0	•0	.0	.0	•0	0.0	•0	.0		
1/2<1	PCP ND PCP TOT %	.0	.0 .0	.0	.0	.0 .3	•0	.0	.0 .0	.c .o	•0	.0		
1<2	PCP NO PCP TOT %	.0	.0	.0 .0	1.9 1.9	•0	•0 •0 •0	.0	•0	.0	•0	.0 1.9 1.9		
2<5	PCP NO PCP TOT %	.0 .0	.0 .6	.0 .6	.0	.0 .0	•0	.0	•0	.0	•0	.0 1.3 1.3		
5<10	PCP NO PCP TOT %	.3	1.3 1.3	9.2 9.5	17.3 17.7	.0 2.3 2.3	3.0 3.0	.0 1.3 1.3	.0 .3	.0	3.6 3.8	38.8 39.4		
10+	PCP NO PLP TOT %	• • • • • • • • • • • • • • • • • • • •	1.1 1.1	25.0 25.5	.2 25.5 25.6	.0 3.9 3.9	•0	.0	•0	.0	•0	56.9 57.5		
	TOT DES	. 9	3.0	35.6	45.2	6.3	3.0	1.3	.1	.0	1.8	100.0	160	

TARLE !

		PERCENT FRED OF WIND DIRECTION VS WIND SPEED WITH VARVING VALUES OF VISIBILITY													
VS#Y (%4)	SPD KT <b>S</b>	N	NE	E	SE	S	SW	*	NW	VAR	CALM	PCT	TOTAL DBS		
	0-3	.0	.0	• 0	.0	.0	.0	.0	•0	.0	.0	.0			
<1/2	4-10	.0	.0		.0	.0	.0	.0	. 0	.0		.0			
	11-21	٠٥	.0	.0	.0	.0	.0	.0	.0	.0		.0			
	22+	.0	.0.	.0	•0	.0	٠٥.	.0	.0	.0		.0			
	TOT %	•0	.0	•0	.0	•0	.0	•0	•0	.0	.0	.0			
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
1/2<1	4-10	•0	.0	•0	.0	•0	.0	•0	.0	.0		.0			
	11-21	.0	.0	•0	.0	•0	.0	.0	.0	.0		.0			
	22+	•0	.0	.0	.0	•0	.0	.0	.0	.0		.0			
	TOT \$	•0	.0	•0	•0	•0	•0	•0	•0	.0	.0	.0			
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
1<2	4-10	.0	.1	.3	.9	•0	٠.	.0	.0	.0		1.3			
	11-21	.0	.1	.3	.0	•4	.0	.0	٠0	.0		•			
	22+	.0	.Q	.0	.4	•0	٠.	.0	•0	.0		.4			
	TOT #	.0	.2	.6	1.3	.4	.0	.0	.0	•0	.0	2.6			
	0-3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4			
2<5	4-10	٠,	.0	. 4	.0	.0	.0	•0	.0	.0		. 4			
	11-21	٠.	.0	•0	.0	•0	.0	•0	•0	.0		.0			
	22+	.0	.0	•0	.0	•0	.0	•0	.0	.0		.0			
	101 %	.0	.4	•4	•0	•0	.0	•0	.0	.0	.0	,•			
	0-3	.2	.0	.2	.2	.0	.0	.0	.2	.0	2.6	3.5			
5<10	4-10	.0	.4	4.2	3.6	1.2	2.1	.,	.0	.0		12.6			
	11-21	.0	.4	2.2	7.4	. 4	.0	•0	.0	.0		10.4			
	22+	•0	٠.	.2	1.1	•0	.0	-0	.0	.0		1.3			
	TOT \$	•2	.9	6.8	12.4	1.6	5.1	.9	. 2	.0	2.6	27,7			
	0-3	•2	.2	1.3	1.1	.5	.1	.0	.0	.0	1.7	5.2			
10+	4-10	. 4	1.1	15.3	17.2	4.3	1.5	•0	.0	.0		39.8			
	11-21	•0	- 1	10.9	1.3	1.5	. 6	•0	•0	•0		22.5			
	22+	.0	.0	1.0	. 3	•0	.0	.0	.0	•0		1.3			
	101 \$	.6	1.4	28.5	27.9	0.4	2.3	•0	٠,	.0	1.7	40,1			
	TOT DAS	.9	2.9	36.4	41.7	8.4	4.3	.9	.2	.0	4.3	100.0	231		

JUNE

AREA 0012 SOUTHEAST JAVA 8.85 114.4E

PERIJO:	(PRIHARY)		
	(DVER-ALL)	1857-1969	TABLE 10

PERCENT FREQUENCY UP CFILING HEIGHTS (FEET,NH >4/8) AND DCCURRENCF OF NH <5/8 BY HUUR

HOUR (GHT)	000 149	190 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	6000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00603	.0	.0	.0	4.3	4.3	4.3	4.3	.0	.0	•0	17.4	82.6	23
90380	.0	.0	.0	•0	10.0	5.0	.0	.0	.0	•0	15.0	85.0	20
12615	.0	.0	.0	.0	.0	11.8	5.9	.0	.0	.0	17.6	82.4	17
18221	.0	٠.	.0	•0	.0	.0	4.5	.0	.0	•0	4.5	95.5	22
TOT T39	.0	.0	.0	1.2	3.7	4.9	3.7	.0	.0	.0	11 13.4	71 86.6	100.0

TABLE 12 TABLE 11 CUMULATIVE PCT FRED OF RANGES OF VSRY (NH) A1.D/OR CEILING HGT (FEETJNH >4/8)JBY HOUR PEACE IT FREQUENCY VSRY (NM) BY HOUR 00203 06609 .0 18.6 12615 12615 18821 .0 18.0 52.0 50 18221 95.0 20 2 68 159 235 .9 25.9 67.7 100.0 67 78 85.9 100.0

DUR MAX 99% 95% 50% 5% 1% "IN MEAN TOTAL DESCRIPTION DE CORRESPONDE DE CORRESPOND DE COR

JUNE

PERIOD: (PRIMARY) 1880-1969 (DVER-ALL) 1857-1969

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TABLE 17

AREA 0012 SOUTHEAST JAVA 8.85 114.46

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PCT FRFQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FUG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	73 76	77 ●0	81 84	85 68	89 92	TOT	FÜG	FOG
7/8	.0	•0	.0	.0	.7	1	•0	.7
5	.0	• 7	.0	.7	.0	2	.0	1.4
	.0	.7	.7	1.4	.0	i	.7	2.1
à	·ŏ	.0	1.4	1.4	.0	4	.0	2.9
4 3 2		1.4	5.7		.0	10	1.4	5.7
1 0 -1	·ŏ	7.1	8.6	.7	.0	23	7	15.7
ŏ	2.1	6.4	13.6	7	.0	32	2.1	20.7
-ĭ	.0	5.0	7.9	7	.0	19		13.0
-2	1.4	5.7	5.0	.0	.0	17	7	11.4
-2 -3	.0	5.7	1.4	. 0	•0	10	.0	7.1
-4	.7	5.0	.7	'n	.0	j	.0	6.4
-5	.7	1.4	. 0	.0	.0	3	.0	2.1
-9/-10	.0	2.9	.0	.0	.0	4	.0	2.9
-11/-13	1.4	.0	.0	.0	.0	2	.0	1.4
TOTAL	9	•••	63	•	ì	-	ř	132
	•	59	•••		_	140		3-4
864	4 4	49 1	46 0		. 7	100 0		94.3

PERIOD: (OVER-ALL) 1963-1969

TABLE 1

PCT FRED OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT) 22-33 11-21 4-10 HGT <1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-22 33-90 41-48 49-00 61-70 71-86 +70 T PCT PCT 700000000000000000000 22-33 .0 .0 .0 2.3 .0 .0 .0 .0 .0 .0 .0 .0 4-47 ••••••••••••••• MGT
<11-2
3-4
5-6
7
8-9
10-11
12
13-10
17-19
20-22
23-25
20-23
33-40
41-48
49-60
61-70
71-66
TPCT PCT \* 

PER100:	IOUE		1043_1	940					JUNE	i				AREA	0012 5	NUTHEA	ST JAVA
PERTON.	1045		1103-1	704				TABLE	18 (00	I TN						5 114	
				₽¢	T F4E2 0	F WIND	SPEED	(KTS)	AND DE	RECTIO	N V	ERSUS S	EA HEIG	HTS (FT)			
				s									Sw				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1.			11-21	27-33	34-47	46+	PCT	
<1	۰.	.0	.0	.0	.0	.0	•0				•0	.0	•0	•0	. 0	•0	
1-2	•0	.c	•0	.0	. 9	•0	٠Ç				•0	.0	•0	•0	•0	•0	
3-4	٠.	.0	•0	•0	•0	•0	0				•0	•0	•0	•0	.0	•0	
5-5	·c	3.0	3.0	.0	.0	•0	6.1				•0	•0	••	•0	.0	.0	
7 8-9	.?	.0	•0	.0	.0	••	.0				.0	.0	•0	•0	.0	.0	
		.0	• (	.0	.0	•0	.0 .C				.0		.0	•0	.0	.0	
10-11	. 3	.0	0.	•0	.?	•0					.0	•		•0	:0	.0	
12 13-16	.0	.0	•0	•0	.0	.0	.0			ć	•0		.0	•0		.0	
17-19	.5	.0	.0	•0	.0	٥.					.0	.0		.0	č		
20-22			•0	.0	.0	.0	.0				.0	.0	.0	٠٥	.5	.0	
23-25	ŏ	ò			.5	.0	.0				.0	.ŏ		•0	.0		
20-32	.č	.0			.0						ŏ	.0	.0	•0		.0	
33-40		.0	.0	.0	.0	.0	·ŏ				.0	.0	.0	• 0	.0	.0	
41-48		.0	• č	.0	Ď	.0	.č				.0	.0	.0	•0	.0	.0	
49-90	.0	.0	.0	•0	.0	.0	.c				.0	.0	.0	•0	.0	.0	
61-70		.0	.0	.0	.0	.0	.0				.0	.0	.0	.0	.0	.0	
71-46	٠.	.0	.0	.0		.0	.0				.0	.0	.0	•0	.0	.0	
47.	. 3	. 5	.0	•0	.0	.0	.0			• 0	.0	.0	•0	•0	.0	.0	
TOT PCT	.0	3.0	3.0	•0	•0	•0	6.1			•0	•0	.0	•0	•0	•0	.0	
													NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT			-3 4-		11-21	22-33	34-47	48+	PCT	PCT
<1	.0	.0	•0	.0	.0	•0	.0				•0	.0	•0	•0	.0	•0	
1-2	.0	.0	• **	.0	.5	.0	.0				•0	.0	.0	•0	.0	•0	
3-4	•0	•0	•^	.0	•0	•0	•0				•0	•0	•0	•0	٠.٥	•0	
5-6	٠,٥	.0	•0	•0	• ^	•0	• 0				•0	.0	.0	•0	.0	•0	
7	• 0	.0	•′	•0	•0	•0	•0				•0	•0	•0	•0	.0	•0	
8-9	• 0	.0	• ?	.0	•0		•0				•0	•0	•0	•0	•0	•0	
10-11	• c	.0	•0	.0	•0	•0	.0				•0	•0	.0	•0	•0	•0	
15	• 0	.0	•0	•0	•0	٠.	.0				:0	•0	.0	•0	.0	•0	
13-16	• 0	•0	•2	•0	•0	٠.	•0				.0	.0	.0	•0	.ŏ	.0	
17-19	٠.	•0	•0		.0	•0	•0					•0		•0	.0	.0	
20-22 23-25	.0	.0		.0	•0	•0	•0					•0	•0	•0	ö	.0	
26-32	.5	.0	•0	•0	.0	.0	•0				ŏ	.0	.0	•0	.5	.0	
33-40	.5	.0	•0	.0	.0	.0	.0				٥	.0		.0	.0		
41-48	.5	.0	•0	.0	.0	.č	.0				.0	.0	.0	.0	.5		
49-60		.0	• 0	.0	.0	.ŏ					ō			•0	ŏ		
61-70		.5		.0	ě		.0				ŏ	.0	.0	.0			
71-86	.č	.0	.0	• 2	.0		.0			.0	ō	.0	.0	•0	.0	.0	
17+	.0				.0						.0	.č		.0	.0	.0	
TOT PCT		.0	•0	.0	.0	.0	.0				.0	.0		•0	.0	.0	100.0

	4140	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4+10	11-21	22-37	34-47	48+	PCT	707 085
<b>&lt;</b> 1	3.0	.0	.0	.0	.0	.0	3.0	4.83
1-2	.0	24.2	6.1	.0	.0	.0	30.3	
3-4	.0	6.1	15.2	.0	.0	• 0	21.2	
5-6	.0	3.0	21.2	3.0	.0	.0	27.3	
7	.0	.0	12.1	.0	.0	.0	12.1	
8-9	. 0	.0	.c	6.1	.0	. ,	6.1	
10-11	.0	.0	.0	.0	.0	.0	.5	
15	.0	.0	.0	.0	.0	.0	ō	
13-16	.0	.0	.c	.0	.0	.0	.0	
17-19	,c	.0	.0	. 0	.0	.0	.0	
20-22		.0		.0	.0		.õ	
23-25		ěš	č	ň	.0		ŏ	
26-32	.0	.0		.0	.0		.0	
33-40			.0	.0	.0		ŏ	
410	.0	.0		.0	.6			
49-60	.0	.0		.0	·ŏ			
61-70	.0		č	.0	.ŏ			
71-86	.0			.0	.0		.ö	
#7÷		•0	•¢		.0			
• / •	.0	•0	٠.	•0		.0	.0	
TOT PET	3.0	39.3	54.5	9.1	.0	-0	100.0	33

PE#100:	. (Dv	ER-4LL	194	9-1969	•				TABLE	10											
					PFRCENT	FRE	QUENCY	OF WAY	/E #E10	HT (F	T) VS	MAVE P	ERIDD	1SFCON	)\$)						
#FR130 (SEC)	<1	1-2	3-4	5-6	7	1-7	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	4EAN HGT
<6 6-7	.0	13.6	8.5	1.7	.0 5.1	3.4		.0	•0	.0	.0	.0	.c		.0	:0	.0	.0	.0	16 15	3
8-9 10-11	.0	.0		1.7	22.0	3.4	.0	1.7	.0	.0	ò	.0	.0	.0	.0	.0	.0	.0	.0	15	7
12-13	•0	•0	1.7	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	ź	6
>13 INDET	1.7	1.7	.0	:0	.0	.0		.°	.c	.0	.0	.0	.0	٠0	.0	:0	.0	.0	:0	ž	1
PCT	1.7	15.3	22.0	12.2	33.9	11.9	3.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.8	.8	.0	100.0	5

TABLE 1

AREA 0012 SQUTHEAST JAVA 8.85 114.3E

# PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

				RECIPI	DITAT	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND CIR	RAIN	PAIN CHUR	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PSPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG NO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUS' BLWG SNO	
N P P P P P P P P P P P P P P P P P P P	.0	0.53000000		000000000000000000000000000000000000000	.00.00	.0	0000000000	9.1 2.6 .3 .0 .0	.0	18.2 4.1 .0 5.6	.0 6.1 5.5 5.6 .0	.00	.0 18.2 4.1 1.1 16.7 .0	•0	100.0 63.6 84.2 93.1 72.2 100.0 .0
TOT PCT TOT 085:	.6 158	.6	.0	.0	.0	•0	-0	1.2	•0	2.4	5.4	.0	4.2	•0	67.5

TABLE 2

# PERCENT PREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	CLTAT	N TYPE					DTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN SHWR	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FDG WD PCPN	FOG WO PCPN PAST HR	SMOKE	SPRAY BLWG DUST BLWG SNOW	
00603 06609 12615 18621	.0 .0 .0	.0 .0 2.4	.0 .0	.0	.0	.0	•0 •0 •0	.0 .0 .0	•0 •0 •0	2.2 .0 .0 7.1	8.9 7.7 .0 4.8	•0	8.9 5.1 2.2 2.4	•0 •0 •0	80.0 87.2 97.8 83.3
TOT PCT	.6 171	.6	.0	.0	.0	•0	•c	1.2	•0	2.3	5.3	.0	4.7	•0	87,1

TAPLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

HID DIR	0-3			22-33 22-33		48+	TOTAL OBS	PCT FREQ	MEAN SPD	ço	03	06	HBUR 09	(GMT) 12	15	18	21
N NE E SE S W W NA P	1.0 1.1 .8 .7	.0 .9 14.0 24.5 4.5 1.7 .2	21.2 20.5 2.0 7	1.2 1.3 2 .0	.0 .0 .3 .3 .0 .0	••••••••		.2 2.0 37.6 48.1 7.5 3.0 .2	12.0 6.2 12.2 11.0 8.4 7.6 5.0	1.1 3.8 40.1 46.2 6.6 2.2 .0	0 2 · 3 36 · 2 55 · 2 5 · 2 1 · 1 · 0 · 0	3.7 37.0 55.6 3.7 .0	1.9 39.6 40.3 11.7 4.5	33.9 52.3 6.3 3.9	.0 1.1 35.4 47.8 10.1 3.4	43.3 48.1 6.7	.0 1.0 39.6 43.2 7.9 5.2 .5
CALH TOT CBS TOT PCT	1.5 33 5.5	274	271 45.2	19	3	.0	<b>e</b> co	1.5	10.9	91 100.0	•0 87	27 100.0	1.3 77	2.8	2.2 89 100.0	26	3.1 96 100.0

<b>TAP</b> 1	£	3/

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNCTS) 28-40	41+	TOTAL DBS	PCT FREQ	MEAN SPD	00 03	HDUR 06 09	(64T) 12 15	18 21
NE E	:	1.3 23.1	•0 •0	•0	.0		2.0 37.6	12.0 8.2 12.2	3,1 - 36,2	2.4 38.9	1.3	1.2
SE	9.7	32.3	5.3		.0		48.1	11.0	50.6	44.2	50.3	44.3
S Sw	3.3	3.9 1.4	.3	•0	.0		7.5 3.0	8.4 7.8	5.9 1.7	9.6 3.4	3.3	7.2
₩	.2	.0	•0	•0	.0		.2	5.0	.0	.5	.0	.4
VAR	.0	•0	•0	•0	.0		.0	:8	.0	.0	.0	•0
CALM TOT DAS	1.5	273	#3	•	0	000	1.5	10.9	170	1.0	2.6	2.5
TOT PCT	22.7	•2.2	13.6	1.3	.0	400	100.0	10.7	100.0		100.0	

THE STREET STREE

TABLE 4

AREA 0012 SOUTHEAST JAVA 8.85 114.3F

ERCENTAGE	FREQUENCY	OF.	WIND	SPEED	84	HOUR	(GMT)

HOUR	CALM	1-3	4-10		SPEED ( 22-33		48+	"EA"	PCT FREQ	TOTAL
00403	.0	3.4	42.1	48.9	5.6	.0	.0	11.7	100.0	178
90209	1.0	2.9	44.2	47.1	4.8	.0	.0	11.3	100.0	104
12615	2.6	6.1	47.4	41.4	1.0	1.0	.0	10.3	100.0	196
16621	2.5	2.5	49.2	43.4	1.6		.0	10.4	100.0	122
TOT		24	274	271	19	3	0	10.9	,	600
PCT	1.5	4.0	45.7	45.2	3,2	.5	•0	_,,,	100.0	,,,,

TARLE 5

TABLE 6

			• • •															
	PCT FRE			CLOUD A		(EIGHTHS)		1					CEILIN					
WND DIR	0-2	3-4	5-7	8 & 085CD	TOTAL CBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999		NH C5/8 ANY HGT	
N	.0	.0	1.1	•0		6.0	•0	•0	.0	.0	.0	1.1	.0	.0	•0	.0	•0	
NE	.0	.0	.0	1.7		8.0	•0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.6	
É	16.1	6.0	4.9	2.3		3.2	•0	.0	.0	1.7	. 9	1.1	1.1	.0	•0	. 0	24.4	
ŠĒ	29.3	12.9	14.7			3.2	.0	.0	.0	1.7	8.3		2.3	.0	•0	. 0	47.4	
	2.9	2.9	•0			1.8	•0		.0	.0	.0	.0	0	.0	•0	.0	5.7	
ŠĦ	.0	.0	1.1	•0		6.0	•0	.0	. 0	. 5	.0	.0	1.1	.0	•0	.0	•0	
	.0	.0		•0		•0	•0	.0	.0	.0	.0	.0	.0	.0	•0	.0	•0	
Ñĸ	.0	.0	.ŏ	.0		.0	ěŏ	ě	ŏ	.0	.0	.0	ō	·ő	.0	.0	.0	
VAR		.0	•0	.0		•0	.0		Ö	.0	.0	.0	.o	·ò		ີ້	•0	
CALM	.0	1.1		•0			.0	.0	.0	.0	ŏ	* -	.0	.0	•0	. 0	1.1	
TOTOAS	42	20	*0 19	•	87	4.0 3.3	• 6	• 6	• ~	• • •	• •	•0	• 7	•0	•0	• •	69	87
						34.5			×	4.6			4 4			3	79.3	100.0
TOT PCT	48.3	23.0	21.8	6.9	100.0		•0	•0	.0	4,0	9.2	2.09	4.0	•0	•0	•0	1743	10010

TAPLE 7

CUMULATI'E PCT FRED	OF SIMULTANEOUS OCCURRENCE
	INH SAIRS AND VERY INHS

						VSBY (NM	)			
	CI	FILING	<ul><li>78</li></ul>	- CR	= DR	■ 9R	<ul><li>OR</li></ul>	<ul><li>DR</li></ul>	• 3R	• DR
	(1	EET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
	OR	>6500	.0	.0	.0	.0	.0	.0	.0	.0
•	nR	>5000	.0	.0	.0	.0	.0	.0	.0	•0
	DR	>3500	3.4	4.5	4.5	4.5	4.5	4.5	4.5	4,5
	ŌŔ	>2000	5.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7
		>1000	14.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7
	ŌR	>600	18.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	nR	>300	16.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2
		>150	18.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	ne	> C	18.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2
		TOTAL	16	18	18	10	16	18	1.5	10

TOTAL NUMBER OF DBS: 89

PCT FREQ NH <5/8: 79.8

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

2 3 4 5 6 7 8 DBSCD DBS 9.2 17.3 29.6 18.4 7.1 2.0 7.1 5.1 4.1 .0 98

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JULY AREA 0012 SOUTHEAST JAVA 8.85 114.3E PERIOD: (PRIMARY) 1877-1969 (OVER-ALL) 1857-1969 PERCENT FREO OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF PRECIPITATION WITH VARYING VALUES OF VISIBILITY VSBY (NH) PCP <1/2 NO PCP TOT % .0 .0 .0 •0 •0 .0 •0 .0 •0 .0 .0 .0 1.2 1.2 .0 1/2<1 NO PCP TOT % .0 .0 1.8 2.4 1.8 2.4 .0 .0 .0 •6 .0 .0 1.2 1.2 .0 .0 •0 •0 3.0 3.0 PCP ND PCP TOT % 1<2 .0 •6 .0 .0 .0 .0 PCP NO PCP TOT % 2<5 .0 .0 S<10 NO PCP TOT % 1.6 1.6 .4 .1 5.8 11.6 6.3 11.8 .0 1.2 1.2 .0 .0 .6 .0 23.8 .0 24.4 PCP ND PCP TOT % .3 .3 .0 .7 19.0 39.1 1.0 19.3 39.1 .0 .6 .6 64.9 .6 65.5 10+

3.3 29.2 53.9 10.7

O

0

TOT CBS

TABLE 9

1.8

.0 .0

.6 100.0

	PERCENT FREQ OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY													
VSBY (%4)	SPD KT\$	N	NE	E	SE	S	SW	Ħ	NW	VAR	CALM	PCT	TOTAL OBS	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
<b>&lt;1/2</b>	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0		
	11-21	.0	.0	.0	.0	.0	.0	.0	•0	.0		•0		
	22+	.0	.0	•0	•0	•0	.0	.0	•0	.0		.0		
	TOT \$	•0	•0	•0	•0	•0	.0	.0	•0	.0	.0	•0		
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
1/2<1	4-10	•0	.0	1.1	1.4	.4	.0	.0	.0	.0		2.8		
	11-21	.0	•0	•0	.0	.4	.0	.0	.0	.0		.4		
	22+	.0	.0	.0	•0	•0	٠.	. ၁	.0	.0		.0		
	TOT \$	.0	.0	1.1	1.4	•7	•0	.0	.0	.0	.0	3.2		
	0-3	.0	.0	•0	•0	.4	.0	.0	.0	.0	.0	.4		
1<2	4-10	•0	.4	•0	• 2	• 2	٠٥.	.0	.0	.0		.7		
	11-21	.0	.0	.7	. 2	• 2	.0	.0	•0	•0		1.1		
	22+	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0		
	TOT %	•0	.4	.7	.4	•7	•0	•0	.0	۰.	.0	2.1		
	0-3	.0	.0	.4	.0	.0	.4	.0	.0	.0	.4	1.1		
2<5	4-10	.0	.0	.5	. 2	.4	•0	•0	.0	.0		1.1		
	11-21	.0	٠0	•0	.0	.0	.0	•0	•0	.0		.0		
	22+	.0	.0	•0	•0	•0	.0	.0	٠.	.0		.0		
	TOT %	•0	•0	, 9	.2	• 4	.4	.0	٠0	.0	.4	2.1		
	0-3	.0	.4	•0	.0	.2	.2	.0	.0	.0	.0	.7		
5<10	4-10	.0	.3	2.7	4.1	1.2	.5	•0	.0	.0		4.9		
	11-21	•0	• 4	1.0	2.2	1.2	.2	•0	.0	.0		5.0		
	22+	.0	.0	•0	7	.0	•0	.0	•0	.0		7		
	TOT %	•0	1.0	3.7	7.0	2.7	. 9	٠,	.0	.0	•0	15.2		
	0-3	.0	.2	5	7	. 4	.0	.0	.0	.0	2.1	3.9		
10+	4-10	.0	1.0	12.7	23.0	3.6	1.6	.2	.0	۰,0		42.9		
	11-21	.4	-0	11.1	17.0	. •	•7	.0	•0	.0		29.3		
	22+	• 0	.0	0	4	. • •	.0	•0	.0	.0		•7		
	TOT \$	.4	1.2	24.3	41.9	5.0	2.3	.2	•0	.0	2.1	77.3		
	OT PCT	,4	2.5	30.7	50.9	9.4	3.5	.2	.0	.0	2.5	100.0	282	

PERIOD: (PRIMARY) 1877-1969 (DVER-4LL) 1857-1969

TABLE 10

AREA 0012 SUUTHEAST JAVA 8.85 114.3E

# PERCENT FREQUENCY OF CRICING MEIGHTS (FEET-NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANV HGT	TOTAL OBS
60300	.0	.0	•0	4.3	8.7	4.3	8.7	.0	.0	•0	26.1	73.9	23
90340	.0	•0	.0	7.1	7.1	3.6	7.1	•0	.0	•0	25.0	75.0	28
12615	.0	.0	•0	.0	10.0	.0	.0	.0	.0	•0	10.0	90.0	20
18621	.0	•0	-0	3.7	7.4	•^	.0	.0	.0	•0	11.1	88.9	27
TOT PCT	.0	.0	.0	4.1	8.2	2.0	4.1	.0	0	0	_	80	

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VSBY	(NM)	BY HOUR		CUMULAT	IVE PCT	FREG	OF RAN	IGE\$ DF	VSBY (NM)	AND/OR
HOUR (GHT)	<1/2	1/2<1	1€2	2<5	<b>\$&lt;10</b>	10+	TOTAL Das	HDUR (GMT)	<150 <50YD	<600 <1	<1000 <b>&lt;</b> 5	1000+ 4ND5+	NH <5/8	TÜTAL DBS
60503	•0	6.4	3.8	2.6	16.7	70.5	78	E0300	•0	.0	4.8	23.8	71.4	21
90360	•0	5.5	3.7	1.9	7.4	81.5	54	90340	•0	.0	0.7	21.7	69.6	23
12615	•0	.0	2.3	3.5	18.6	75.6	86	12615	•0	•0	•0	10.5	89.5	19
18621	• 0	1.5	.0	.0	16.2	82.4	68	18821	•0	•0	3.8	7.7	88.5	26
TOT PCT	•0	3.1	2.4	2.1	44 15.4	220 76.9	286 100.0	TOT PCT	0	0	4.5	14	71	89

TARLE 13

	PERC	ENT FR	Equenc	Y 0F R	ELATIV	E HUMI	DITY 8	Y TEMP		
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT PREQ
85/89 80/84 75/79 70/74 TOTAL PCT	•0	•0	•0	.0 1.4 .0 .0 .0 2	.0 6.5 4.3 .0 19	2.2 19.4 20.9 .0 59	7.2 24.5 .0 44 31.7	.0 1.4 11.5 .7 19	3 50 85 1 139	2.2 36.0 61.2 .7 100.0

TABLE 14

	PERC	ENT F	REQUENC	Y 0F W	140 01F	ECTION	87 T	EMP	
N	NE	E	SE	s	SW	W	NW	VAR	CALH
.7	1.1 1.8 .0	13.5 17.1 •0	.0 16.5 34.5	2.5 7.7	.0	.000	.0	.0000	.7 .0 .0
.7	2.9	30.6	53.1	11.3	-7	-0	-0	٠.	,

TARLE 15

	MEANS,	EXTREME	S AND	PERCEN	TILES	OF TEM	P (DE	G F) 8	Y HOUR
HOUR (GMT)	MAX	99%	95%	50%	5%	2 %	HIN	MEAN	TOTAL
£0300	86 85	84	82	79	76	75	74	78.9	08S 177
12615	8.0	84	81	80 78	76 74	74 73	74 73	79.7 77.8	102 195
18621	60	81	01 02	77 78	74 75	74 74	73 73	77.3	121

	PERC	ENT FRE	GUENCA	OF RELA	TIVE H	UHIDITY	BY HOUR	
HOUR (GNT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00603 00609 12615 18621	•0	5.6	25.5 25.0 7.4	52.5 41.7 34.4	32.5 19.4 40.6	12.5 8.3 15.6	81 75 81	085 40 36 32
TOT	•0	•0	5.7 15	40.0	37.1	17.1	81 80	35

PERIOD: (PRIMARY) 1877-1969 (OVER-ALL) 1857-1969

TABLE 17

AREA 0012 SOUTHEAST JAVA 8.85 114.3E

OCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	73 76	77 80	81 84	85 88	101	FOG	WD FDG
7/8	.0	.0	.0	.7	1	.0	.7
5	.0	.0	1.5	1.5	4	.0	2.9
4	.0	2.2	1.5	.0	5	.0	3.7
3	.ò	1.5	5.1	.0	5	.7	5,9
3 2 1	.7	3.7	3.7	.7	12	.0	8.8
ī	1.5	7.4	1.5	.0	14	1.5	8.8
ō	1.5	19.9	7.4	.0	39	.7	27.9
-1	.7	19.9	.7	.0	29	.7	20.6
-ž	1.5	7.4	٠.	.0	12	ò	8,8
-3	.0	.0	.7	.0	1	.0	.7
-4	1.5	2.2	.0	.0	5	.7	2.9
-5	.7	.7	.0	.0	2	.0	1.5
-6	.0	.7	.0	.0	1	.0	.7
-7/-8	.7	.0	.0	.0	1	.0	.7
-11/-13	. 7			, õ	ĭ	.ŏ	7
TOTAL	13	•••	30	••	•	•	130
IUIAL	13		34			•	130
_		89		. •	136		
PCT	9.6	65.4	22.1	2.9	100.0	4.4	95.6

PERIOD: (DVER-ALL) 1963-1969

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				PC	T FREG	DF WIND	SPEED	(KTS)	AND DIREC	CTION V	ERSUS S	EA HEIG	HTS (FT)	<b>!</b>	
												4E			
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
1-2	•0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
3-4	.c	.0	.0	.0	.0	.0	.0		•0	.0	.0	.0	•0	.0	.0
5-0	.0	.0	•0	.0	.0	.0	•0		.0	•0	.0	.0	•0	•0	•0
7	•0	.0	•0	.0	.0	.0	•0		•0	• 0	.0	.0	•0	.0	.0
8-9	•0	.0	•0	.0	.0	•0	•0		•0	•0	.0	.0	•0	.0	•0
10-11	.0	.0	•0	•0	.0	.0	.0		•0	.5	•0	•0	•0	•0	•0
12	.0	.0	•0	•0	.0	.0	.0		•0	.0	.0	.0	•0	.0	•0
13-16	. 5	.0	•0	.0	.0	.0	•0		•0	.0	•0	.0	•0	.0	•0
17-19	•0	.0	•0	.0	.0	.0	•0		•0	.0	.0		•0	.0	.0
50-55	•0	.0	•0	.0	.0	.0	.0		•0	•0	.0	.0	.0	.0	.0
23-25	٠٥.	•0	•0	٠.	.0	.0	.0		.5		.0	:6	.0	.0	.0
26-32 33-40	.0	.0	•0	•0	.0	.0	.0		.0	.0	:0	.0	.0		•0
41-48	.0	.0	•0	•0		.0	•0		.0	.0			•0		.0
49-60	٠٠	.0	•0	.0		.0			ő	.0		.0	.0		.0
61-70	č	.0	.0	.0	.0	.ŏ	.0		ŏ	.0	ŏ		.0		·ŏ
71-06	.0	ŏ	.0	.0	.0		.6		.0	.0		.õ	.0	.0	•0
87+	.5		ň	.0	.0		.0		ó	.0		.0	.0	.0	.0
TOT PET	. 3	.0	•0	.5	.c	.0	.0		.0	.0	.0	.0	.0	.0	.0
	• •	• • •	• • •	• •	• •							• • •			
				E								SE 22-33			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21		34-47	46+	PCT
<1	.0	2.0	•6	.0	•0		2.0		2,7	7	.0	.0	•0	•0	3.4
1-2	٠,٠	2.7	4.1	•0	•0		6.8		•0	9.5	9.5	.0	•0	.0	14.9 29.1
3-4	• • •	2.0	15.5	•0	.0		17.6		.0	•0	19.6	.0	.0	:0	15.5
5-6 7	• 0	•0	6.1	٠0	.0		••0		• **	.0	19.9		ŏ	.0	•••
8-9	٥.	.0	.0	•0	.0		.0		• ,	.0		.0		ě	.ŏ
10-11		.0	•0	.0	.6		.0		ó	.0		.0			
12	.ŏ	.0	•0	.0	.0		.ŏ		ő	.0	.0	.0		.5	
13-16			•0		ň				ő	.0	.0	.6	.0		.0
17-19	.5	.0	•0	.0	.0				.0	•0	.0		,0	•0	.0
20-22		.0		.0	.0		.0		.0	.0		.0	,0	.0	.0
23-25	.5		. 0	.0	.0		•0		ō	.0	.0		.0	.õ	•0
26-32	Š	.0	.0	.0	.0		.0		• 0	•0	•0	.0	.0	.ŏ	•0
33-40			.0		.0		.0		'n	.0	.0	.0	•0	.0	.0
61-48	.0	.0	•0	.0	.0	.0	.0		•0	.0	.0	.o	.0	.0	.0
49-90		.0	.0	.0	.0		•0		.0	.0	.0	.0	.0	.0	•0
61-70	. 0	.0	•0	•0	.0	.0	.0		'n	.0	.0	.0	.0	.0	•0
71-86	.0	.0	.0	.0	.0	.0	.0		•0	•0	.0	.0	•0	.0	•0
87+	.0	.0	•0	.0	.0		.0		•0	•0	•0	.0	•0	.0	•0
TOT PCT	.0	4.6	25.7	.0	•0	.0	32.4		2.7	15.5	44.6	.0	•0	.0	62.8

PERIOD	1016	R-ALL)	1963-	1969					JUCY							
				• • • • •				TABLE	18 (604	iT)			AREA	0015	\$80THE/ •85 114	AST JAVA
				₽(	T FREG	OF WIND	SPEED	(KTS)	AND DIR	ECTION	VERSUS	SEA HEI	GHTS (FT)			
HGT	1-3	4-10	11-21	5 22-33	34-47	48+	PCT		1-3	4-10		5 W				
<1 1-2	٠,	.0	•0	.0	.0	.0						22-33	34-47	48+	PCT	
3-4	.0	2.7	•0	•0	.0	.0	2.7		ŏ			.0	•0	.0	•0	
5-0		2.0	•0	•0	.0	•0	2.0		.0				•0		•0	
7	.0	:0	90	•0	.0	•0	•0		•0	. 0	• • •		•0	.ŏ	.0	
8-9	.0		9.	•0	•0	•0	•0		•0		.0		•0	.ŏ	ěŏ	
10-11	.0	.0	40	.0	.0	•0	•0		•0				•0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0		•0				•0	.0	.0	
13-16	.0	.0	.0	•0	ěŏ	.0	.0		•0	.0	•••	.0	•0	.0	.0	
17-19	.0	.0	•0	.0	.0	.0	.0		.0			•0	•0	.0	,0	
20-22	.0	.0	•0	.0	.0	•0			.0	.0			•0	.0	.0	
23-25	.0	.0	•0	.0	.0	.0	.0		ő	.0		•0	•0	.0	•0	
26~32 33~40	.0	.0	•0	.0	.0	•0	.0		.0	.0		•0	•0	•0	•0	
41-48	.0	.0	•0	•0	.0	•0	.0		.0	.0		.0	.0	.0	•0	
49-60		.0	-0	•0	.0	•0	.0		.0	.0		ě	•0	.0	.0	
61-70	.0	.0	•0	.0	.0	•0	•0		.0	.0		.0	•0	:0	.0	
71-86		.ö	•0	.0	٠ņ	•0	.0		.0	.0		•0	ě	.0	ő	
87+	.0		.0	.0	.0	•0	•0		•0	.0		• 0	.0	.0	ŏ	
TOT PCT	.0	4.7	40	·ŏ	.0	•0	.0		.0	.0		•0	•0	.0	.0	
	-		••	••	••	•0	4.7		.0	•0	•0	•0	۰0	.0	.0	
HGT	1-3	4-10		W								N⊌				
<1	0	10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	TOTAL
1-2	ŏ	.0	.0	•0	•0	•0	•0		.0	.0	.0	•0	•0	.0	.0	PCT
3-4	ě	.ŏ	•0	•0	•0	•0	•0		.0	.0	.0	•0	•0		.0	
5-6	ò		•0	.0	.0	•0	•0		•0	.0	.0	•0	.0		.0	
7	.0	.0	•0	.0	.0	.0	•0		•0	•0	.0	•0	•0	Ĭ	.0	
8-9	.0	.0	•0	.0	ň		•0		•0	•0	.0	•0	•0	.0	.0	
10-11	.0	.0	• 0	.0	.0	.0	č		•0	•0	.0	•0	•0	.0	•0	
15	•0	.0	•0	.0	.0	.0	• 6		.0	•0		•0	•0	.0	.0	
13~16 17~19	.0	•0	•0	•0	.0	•0	•0		ő	ŏ	•0	•0	•0	•0	•0	
20-22	.0	•0	•0	•0	.0	•0	•0		ō	.0	.0	•0	•0	•0	.0	
23-25	.0	.0	•0	.0	٠.	•0	•0		.0	.0	.0	.0	•0	.0	•0	
26-32	.0	.0	•0	.0	.0	•0	•0		.0	.0	.0	•0	•0	.0	•0	
33-40		.0	.0 .0	•0	•0	•0	•0		.0	.0	.0		ě	:0	.0	
41-48	.ŏ	ě	•0	.0	.0	•0	•0		.0	.0	.0	.ŏ	•0	ö	.0	
49-60	.0		•0	.0	.0	•0	•0		•0	.0	.0	•0	.0	.0	.0	
61-70	.0	.0	•0	ö	.0	•0	•0		.0	•0	•0	•0	•0	.0	ě	
71~#6	.0	•0	•0	.0	.0	.0	•0		.0	.0	.0	•0	•0	.0	.0	
87+	•0	•0	•0	.0	ň	.0	•0		•0	.0	•0	•0	•0	.0	.0	
TOT PCT	.0	•0	•0	.0	.0	•0	• 6		•0	.0	•0	•0	•0	.0	.0	
					• -		••		•17	•0	•0	•0	•0	•0	•0	100.0

CONTRACTOR OF THE PROPERTY OF

	WIND	SPEED	(KT5)	VS SEA	<b>MEIGHT</b>	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	2.7	2.7	.0	.0	.0			085
1~2	•0	10.6	13.5	ě	.0	•0	5.4	
3-4	•0	13.5	35.1	ŏ	.0	•0	24.3	
5-6	•0	.0	21.6			•0	48.6	
7		.0		•0	•0	.0	21.4	
8-9	:0		.0	•0	•0	•0	.0	
10-11		.0	.c	• 0	•0	.0	.0	
	•0	.0	.c	•0	•0	.0	.0	
.12	•0	.0	٠.	.0	•0	.0	.0	
13-16	•0	.0	.0	.0	-0	.0	ŏ	
17-19	•0	•0	.0	.0	•0	.0	.0	
20-22	.0	.0	.0	.0	.0	.5		
23-25	٠0	.0	.0	.0	• • •			
76-32	.0	.0	.c	.0	.0	٠.۷	••	
33-40	.0	.č				•0	٠.	
41-48	.0			•0	•0	.0	.0	
49-60		•0	٠.	.0	•0	-0	.0	
61-70	٠0	•0	. Ç	.0	•0	.0	.0	
	•0	•0	•0	.0	.0	.0	.0	
71-86	•0	•0	.с	.0	•0	.0	.0	
87+	•0	•0	.0	.0	•0	.0	ö	
TET PET	2.7	27.0	70.3	.0	•0	.0	100.0	37

PERIO	): (BY	ER-AL	L) 19	49-196	•				TABLE	19											
					PERCE	IT FRE	QUENCY D	F WA	VE HEI	GHT ( <b>F</b> '	r) vs (	MAVE P	ERIOD	(SECON	05)						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11									49-60	61-70	71-86	87+	TOTAL	MEAN
66 6-7 8-9 10-11 12-13 >15 1NDET TOTAL PCT	1.6	0.0	14.3 4.6 1.6 .0 .0 3.2 15 23.8	6,3 4,8 4,8 1,6 .0 .0 4,8 14 22,2	.0 1.6 9.5 9.5 .0 .0 .0	3.2 1.6 11.1 .0 3.2 12	.0 .0 .0		.0		0000000000	.00000000000000000000000000000000000000	••••••••		•••••••••	.00000000000000000000000000000000000000	00000000000	.0	0000000000	20 12 10 10 10 100.0	4GT 3 5 7 7 7 10 5 5

AUGUST

PERINDE	(PRIMARY)	1877-1969
	(OVER-ALL)	1847-1949

()

TABLE 1

AREA 0012 SDUTHEAST JAVA 8.95 114.4E

BEBCENT	PREDUENCY	OE HEATHER	DECHROSHER	BY WIND DIRECTION
PERLENI	PREMUENT	UP BPAINER	UCCUPRENCE	BI MIND DIKECLING

SHAR PCPN PRZN DB TIHE HOUR LTMG MO PCPN HAZE BLMG PCPN PAST HR BLMG  " .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0															
 .e E Se S				RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND CIR	RAIN		DR7L		SNOW	FRZN	HAIL				WO	PCPN			
**	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	٠,	.0	•0	.0
١E	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	100.0
E	.0	1.6	.0	.0	.0	.0	.0	1.6	.0				4.2	.0	94.2
ŠE		.3	.0											.0	95.1
S	.0	.0	.0	.0	.0	.0	.0	.0	.0					•0	93.3
Św									.0					•0	100.0
¥	.0	.0	.0	.0	.0	.0	•0	.0	•0	.0	.0	ō	.0	.0	.0
Nw	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	ŏ	.0		.ō
	.0	.0	.0	.0	•0	.0	.0		.0			ŏ	.0		.ŏ
	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	•0		100.0
TOT PCT	.0	.6	.0	.0	.0	.0	•0	.6	1.2	•0	.6	.0	2.5	•0	95.1

TABLE 2

# PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

				RECIPI	TATIO	N TYPE					DTHER	HEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN SHWR	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR	FOG HO PCPN	PDG WD PCPN PAST HR	SMDKE HAZE		
00003 0609 12015 18021	.0	1.8 .0 .0	.0 .0 .0 2.1	.0	•0	.0	.0 .0 .0	1.8 .0 .0 2.1	1.8 .0 .0 2.1	.0	.0 .0 .0	.0	5.5 3.6 .0	.0	90.9 96.4 100.0 93.6
TOT PCT	.0	.6	.6	.0	•0	•0	•0	1.2	1.2	•0	.6	.0	2.4	•0	94.7

TARLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		w1!	ND SPE	ED (KNI	075)								HOUR	(GHT)			
WND DIR	0-3	4-10	11-21	22-33	34-47	48+	TGTAL DBS	PCT FREQ	4EAR SPD	00	03	06	09	12	15	18	21
N NE	.3	.0 1.7	.c	•0	•0	•0		2.4	2.0 7.2	.9 1.9	2.2	.0	•0	•0 ••2	2.6	.0	2.3
E Se	2.1	15.9	13.8 22.0	1.4	.0	.5		33.3	10.9	37.6 49.1	36.0	35.0	30.5	28.4	33.2	32.0	32.6
S Sw	.7	5.6	1.8	.2	.0	.0		8.3	8.7	6.3	7.9	5.0	11.0	9.6	9.9	3.1	8.7
N N	.2	.2	.0	.0	.0	.0		.4	4.5	.5	1.1	.0	•0	• • • • • • • • • • • • • • • • • • • •	2.0	•0	.6
VAR	-0	•0	•0	•0	•0	•0		. 6	4.2	•0	1.7	.0	•0	•0	•0	•0	•0
TOT CBS	1.8	286	214	18	0	0	562	1.6	10.3	107	1.1	15	0.0 86	2.2 89	5.3 76	3.1 32	1.2
TOT PCT	7.6	50.9	34.1	3.2	•0	•0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

NIG OM	0=6	#IND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL DBS	PCT	MEAN	00	06	12	18
						003	FREQ	SPD	03	09	15	21
ĸ	.3	.0	.0	.0	.0		.3	2.0	.5	• ^	.3	.0
NE	1.1	1.2	.1	.0	.0		2.4	7.2	2.0	.0	4.5	1.7
E	7.0	20.2	6.0	.1	.0		33,3	10.9	36.9	31.3	30.6	32.4
5E	10.6	33.1	8.0	.1	.0		51.8	10.8	49.2	58.7	50.0	53.6
\$	3.4	4.0	. 9	ě	.0		8.3	8.7	7.0	9.9	9.7	7.2
54	1.1	.4	.0	.0	.0		1.5	ě.i	1.5	.0	1.2	3.0
W	. 3	• 1	•0	ŏ	.0		.4	4.5		.0	.0	
ŸW		.0	•0	ŏ	.0			4.2	1.0	.0	.ŏ	
VAR	.0	.0		ŏ	.0		ō		ŏ.ŏ	.0		
CALM	1.8	••	•••	••	• •		1.8		1.0	.0	3.6	1.7
TOT ORS	145	332	84	1	٥	562		10.3	196	83	165	iii
TOT BET	25.8	19.1	14.9				100.6			100.0		

AUGUST

PERIOD: (PRIMARY) (OVER-ALL)	1877-196 1857-196						TARLE	4			AREA C	0012 SOUTHEAST JAVA 8.95 114.46
			PER	CENTAGE	FREQU	ENCY OF	WIND S	PEED BY	HOUR	(GHT)		
	HOUR	CALM	1-3	4-10		SPEED 22-33			MEAN	PCT FREQ	TOTAL 1785	
	00603 06609 12615 18621 TUT PCT	1.0 .0 3.6 1.7 10	7.1 1.2 5.5 8.5 34 6.0	49.0 53.0 49.7 54.2 286 50.9	39.8 41.0 38.2 33.1 214 38.1	3.1 4.8 3.0 2.5 18 3.2	.0	.0	11.0	100.0 100.0 100.0 100.0	196 83 165 118 562	

TARLE 5 TABLE 6 PCT FRED OF TOTAL CLUUD AMOUNT (EIGHTHS)
BY WIND DIRECTION PERCENTAGE FREQUENCY OF CEILING HEILMTS (FT.NH 34/8) AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION B & PBSCD N NE E S S N W VAR CALM TOT DBS TOT PCT .0 2.4 3.9 2.1 .0 .0 .0 000000000000 20.5 25.3 2.4 .0 .0 .0 .0 1.2 41 .0 6.0 16.9 .0 .0 .0 .0 .0 2.6 3.3 4.8 .0 .0 1.2 2.13.0 .0 .0 .0 .0 .0 .0 .0 .1 1.2 1.2 1.2 1.2 0.0 0.0 0.0 000000000000 26.9 53.3 4.5 .0 .0 .0 .0 .0 4.5 12.7 2.1 .0 .0 .0 000000000000 0000000000000 000000000000 000000000000 100.0 100.0

TABLE 7

CUM-ILATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH 34/8) AND VSBY (NH)

TO THE PERSON OF THE PERSON OF

				VSBY (NY	1)			
CEILING	- DR	- OR	<ul><li>OR</li></ul>	• CR	<ul> <li>DR</li> </ul>	• DR	= OR	• OR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• #R >6500	.0	•0	.0	.0	.0	.0	.0	.0
■ ሮዓ >5000	.0	•0	.0	.0	.0	.0	.0	.0
● PR >3500	.0	•0	.0	, o	.0	.0	.0	.0
# CR >2000	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
■ CF >1000	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
■ PR >600	7.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5
■ DR >300	8.1	11.6	11.6	12.8	12.8	12.8	12.8	12.8
# OR >150	8.1	11.6	11.6	12.8	12.8	12.8	12.8	12.8
■ DR > 0	8.1	11.6	11.6	12.6	12.8	12.8	12.6	12.8
TOTAL	77	10	10	11	11	ii	11	ii

TOTAL NUMBER OF DBS: 85 PCT FREO NH <5/81 87.2

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 GBSCN OBS 12-2 30.0 14-4 16-7 13-3 1-1 4-4 3-3 4-4 0 90

								AUG	051						
PERIOD: (PR	IMARY) 1 ER-4LL) 1							TAB	LF 8				ARE	A 0012	SQUTHEAST JAVA 8.95 114.4E
			PI	RCENT	FREQ PREC	OF WINE	DIRE	CTION V TH VARY	S DCCU	RRENCI	E OR N DF VIS	ON-OCC	URRENÇ Y	E OF	
	VSBY (NH)		N	NE	Ε	\$E	S	SW	¥	NW	VAR	CALM	PCT	TOTAL	
	<1/2	PCP NO PCP TOT %	.0 .0	0.0	•0	•0	•0	•0	•0	•0	.0 .0	•0 •0	.0		
	1/2<1	PCP NO PCP TOT :	.0	•0	•0	.6	•0	•0	.0	.0	.0	•0	.0 .6		
	1<2	PCP ND   CP TOT %	.0	•0	.0 1.2 1.2	.0 .3	.0	•0	.0	•0	.0	•0	.0 1.9 1.9		
	2<5	PCP NO PCP TOT &	•0	1.7	.0	•0	•0	•0	.0	•0	.0	•0	.0 1.9 1.9		
	5<10	PCP NO LCP TOT %	.0	.0	9.9 10.3	20.5	.8	.0 1.2 1.2	.0	•0	.0	•0	34.0 34.6		
	10+	PCP NO PCP TOT %	•0	.0 1.5 1.5	17.6 17.6	37.8 37.8	,0 3.5 3.5	•0	.0	.0	.0	•6	.0 01.1 61.1		
		TOT DES TOT PCT	.0	4.3	29.2	59.4	4,6	1.2	.0	•0	.0	1.2	100.0	162	

TABLE 9

THE PROPERTY OF THE PROPERTY O

							NO DIRE				ED		
VSBY (NY)	SPD KT\$	N	NE	E	SE	\$	SW	×	MA	VAR	CALH	PCT	TOTAL
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	•0	•0	• 0	.0	.0	.0	.0		.0	
	TOT \$	.0	•0	.0	•0	•0	.0	.0	.0	•0	.0	.0	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	.0	•0	.0	•0	.0	•0	.0	.0		.0	
	11-21	.0	.0	•0	.4	•0	.0	•0	.0	.0		. 4	
	42+	.0	.0	.0	.0	•0	.0	.0	.0	.0		.0	
	TOT %	.0	.0	.0	.4	.0	.0	.0	.0	.0	•0	.4	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	٠٥.	.0		.2	• 2	.0	•0	.0	.0		1.2	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		•0	
	TOT %	•0	•0	. 8	• 2	. 2	.0	••	.0	.0	.0	1.2	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	.0	1.2	.0	.0	.0	.0	.0	.0	.0		1.2	
	11-21	.0	.0	.0	• 0	•0	٠٥.	٠0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	. n	.0		.0	
	TOT \$	.c	1.2	•0	•0	.0	.0	.0	.0	.0	•0	1.2	
	0-3	.0		1.6	1.0	.2	.0	.0	.0	.0	.4	4.0	
5<10	4-10	.0	.4	5.0	8.6	.3	. 8	.0	.0	.0		15.1	
	11-21	٠٥	•0	1.9	3.3	.0	•0	•0	.0	.0		5,2	
	22+	.0	.0	. 2	1.4	•0	.0	.0	•0	.0		1.6	
	TOT \$	.0	1.2	8.6	14.3	. 5	. 4	.0	.0	۰.	. 4	25.8	
	0-3	.2	.2		2.2	1.4	.0	.0	.0	.0	2.4	7.1	
10+	4-10	.0	.6	11.2	21.1	3.4	. 4	.2	.0	٠٥.		36,9	
	11-21	.0	.4	5.7	18.3	1.1	.0	.0	.0	.0		25,4	
	22+	.0	•0	1.2	.4	.4	.0	.0	.0	.0		2.0	
	101 \$	•5	1.2	18.6	42.0	6,3	.4	• 5	.0	•0	2.4	71.4	
	OT DAS												252
1	OT PET	•2	3.6	28.3	56.8	6.9	1.2	.2	•0	•0	2.8	100.0	

AUGUST

PERIUDI	(PRIMARY)	1877-1969
	(DVER-ALL)	1857-1969

TABLE 10

AREA OGIZ SDUTHEAST JAVA 8.95 114.4E

PERCENT	FREQUENCY OF	CFILING	HEIGHTS	(FEET, NH	>4/81	AND
		NCA 05 N			-410.	

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 34 <b>9</b> 9	3500 4499	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	T 121
00603	.0	•0	4.2	12.5	.0	4.2	.0	.0	.0	•0	20.8	79.2	24
90360	.0	.0	•0	6.7	.0	.0	.0	0	.0	•0	6.7	93.3	15
12615	.0	.0	•0	6.7	•0	•0	.0	•0	.0	•0	6.7	91.3	15
18621	.0	.0	2.9	.0	5.;	2.9	.0	.0	.0	•0	11.4	36.6	35
TOT	.0	.0	2.2	5.6	2.2	2.2	.0	0	0	9	11	78 87.6	89

TAR.E 11

TABLE 12

		PERCENT	FRFQUEN	CY VSRY	(NH)	BY HOUR		CUMULAT					(HM) YBZV RUCH YB&C	
HDUR (GMT)	<1/2	1/2<1	147	2<5	5<10	10+	TOTAL CBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1900+ #ND5+	NH <5/8 AND 5+	TJTAL DBS
00603	.0	.0	3.9	•0	36.4	59.7	77	60300	•0	4.3	17.4	4.3	78.3	23
06609	.0	.0	.0	•0	28.6	71.4	42	90360	•0	•0	6.7	•0	.3.3	15
12615	•0	.0	.0	4.2	25.0	70.8	72	12615	•0	•0	<b>*.</b> 7	•0	93.3	15
18621	•0	1.5	•0	.0	16.2	82.4	68	18621	•0	3.0	3.0	9.1	87.9	33
TOT PCT	ن.	1	1.2	3 1.2	69 26.6	183 70.7	259 100.0	TOT PCT	0	2.3	8.1	4.7	75 87.2	8f 190.0

TABLE 13

TABLE 1

	PERC	ENT FR	FQUENC	Y OF R	ELATIV	E HUMI	DITY B'	Y TEMP	70741			PERC	ENT F	EOUENC	Y	IND DIE	ECTIO	4 BY T	E∺P	
TEMP F	0-29	30-39	40-49	50-59	40-69	70-79	60-89	90-100	TOTAL DBS	PCT FREG	N	иE	E	SE	S	SW	w	NW	VAR	CALM
85/89	.0	.0	.0			.0	9.3	.0	3	2.1	.0	.0	.4	1.1	.0	.0	.0	.0	.0	.7
80/84	.0	.0	•0	•0	2.9	12,7	9.3	1.4	34	24.3	.0	1.1	9:3	13.2	:8	:9	9:	:0	.0	.0
75/79	.0	.0	.0	•0	1.4	25.0	30.0	15.7	131	72-1	٠.0	1.1		45.4	4.1	.7	.0	.0	.0	.5
75/79 70/74	.0	.0	.0	•0	.0	.0	.0	4	2	1.4	.0	0	.,7	.7		.0	.0	.0	.0	.ŏ
TOTAL	0	0	0	1		Š0	55	26	1+0	100.0	• •	• • •	• •	•	• •	•••	•••	• • •	• • •	•••
PCT	.0	.0	•0	• 7	5.7		39.3		• •		•0	2.1	31.3	60.4	4.1	1.4	.0	.0	.0	.7

TANLE 15

•	HEANS, I	EXTREME	S AND	PERCEN	ITILES	OF TEN	P (D5	G F)	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTICIHU	84 4001	l .
HOUR (GHT)	HAX	99%	95%	50%	5%	**	MIN	MEAN	TOTAL DBS	HOUR (GHT)	0-29	30-59	60-69	70-79	80-89	90-100	HFAN	TOTAL
£0300	87 89	85 88	82 83	79 80	75 76	73 74	73 74	78.9 79.5	197 83	£030-	•0	0	9.8 13.0	39.2	33.3 39.1	7.6	81 76	51
122) 5	84	82	81	77	74	73	72	77.5	163	12015	.0	4.3	3.2	19.4	54.8	22.6	84	23 31
18621 70T	#2 #9	81 84	79 82	77 78	74 75	73 73	73 72	76.9 78.2	119 562	19621 Tot	.0	-0	•0	35.7 51	35.7 58	28.6 28	83 82	42 147

AUGUST

PERIOD: (PRIMARY) 1877-1969 (OVER-ALL) 1857-1969

ER-4LL) 1857-1969

TABLE 17

AREA 0012 SQUTHEAST JAVA 8.95 114.45

PCT FRFO OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

IR-SEA	73	77	81	85	89	TOT	w	22
THP DIF		•0	84	8.6	92		FDG	FOG
9/10	.0	.0	.0	.0	.8	1	•0	
7/8	.0	•0	2.3	Ä	.0	4		3.1
5	.0	.0	3.1		.0	š	Š	3.8
	.ŏ		2.3	ò	.0	•	•5	3.1
3 2 1 0	.c	•0	3.1	ñ	.0	•	.0	3.1
ž	.0	3.8	3.1	.0	.0	10	.0	7.7
Ĭ	2.3	12.3		.0	•0	19	ěš	14.6
ŏ	3.1	22.3	.0	.0	. 5	33	.0	25.4
-1	2.3		.ŏ	.0	.0	24	. 0	18.5
-2 -3	6.2	4.6	.c	.0	.0	14	.5	10.8
-3	1.5		.c	.0	.0	• •	.0	3.0
-4		2.3	.0	.0	.0	4	.5	3.1
-5	.0	1.5	.0	.0	.0	ž	·š	1.5
-6		.0	. 0	.0	.0	ī	• 5	
TOTAL	22		19	••	ī	•	ž	130
		60	• • •	,	•	130	,	
PCT	16.9	66.Ž	14.6	1.5	. 8	100.0		100.0

PERIOD: (DVER-ALL) 1963-1969

				PC	T FRED	OF WIND	SPEED	(KTS)	AND DIRE	TION V	ERSUS S	EA HEIG	HTS (FT)	1	
				N								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	•0	.0	.0	.0		•0	.3	.0	.0	•0	. 5	.0
1-2	• •	.0	•0	.0	.0	•0	•0		.0	• 0	.0	.0	.0	.0	.0
3-4	•0	.0	•0	•0	.0	.0	•0		•0	•0	.0	•0	.0	.0	.0
5-6	•0	.0	•0	•0	•0	•0	•0		•0	• 6	•0	•0	•0	.0	.0
7 8-9	٠.	•0	•0	•0	•0	•0	•0		•0	•0	• >	•0	•0	.0	•0
	•0	.0	•0	•0	•0	•0	•0		•0	.0	.0	•0	.0	•0	.0
10-11 12	.0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	•0	.0
13-16			•0	•0	.0	•0	•0		• 0	•0	.0	.0	•0	•0	•0
17-19	.0	.0	•0	•0	•0	•0	.0		• 0	•0	.0	.0	•0	٠.	.0
20-22	.0	.0	•0	•0	•0	•0	•0		•0	•0	.0	•0	•0	.0	•0
73-25	.0	.0	.0	.0	•0	•0	.0		•0	•0	•0	.0	•0	.0	۰0
26-32	.0	.0	•0	.0	.0	.0	•0		•0	•0	.0	.0	•0	•0	•0
33-40	.0	.0	•0	.0	.0	•0	.0		•0	•0	•0	• 0	•0	.0	•0
41-48	.0	.0	•0	.0	.0	.0	•0		•0	•0	•0	.0	•0	•0	.0
49-00	.0	.0	•0	.0	.0	.0			•0	•0	•0	•0	•0	.0	•0
61-70	.5	.ŏ	•0	.0	.0	:0	•0		•0	•0	•0	•0	•0	.0	•0
71-86	.0		.0	.0	.0	.0	.0		•0	•0	•0	-0	•0	.0	•0
87+			•0	.0	.0	.0	•0		•0	.0	-0	•0	•0	•0	•0
TOT PCT	ě	.0	•0	.0	.0	.0	.0		.0	.0	•0	•0	•0	•0	•0
	• •	•••	•••	••	•0	••	••		•0	•0	.0	•0	•0	•0	•0
				E								SE 22-33			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	<b>10</b>	11-21	22-33	34-47	48+	PCT
<1	•0	2.0	•0	•0	.0	•0	2.0		•0	2.0	• 0	•0		.0	2.0
1-2	•0	9.3	6.0	.0	.0	•0	16.2		•0	10.8	9.3	•0		.0	20.1
3-4 5-6	•0	3.4	7.4	5.9	•0	•0	16.7		•0	6.4	16.2	2.0		.0	24.5
7	•0	3.4	•0	.0	.3	.0	3.4		•0	.5	5.9	•0		.0	6,4
6	.0	.0	•0	•0	.0	•0	•0		•0	.0	.0	•0		•0	.0
10-11	:0	.0	•0	•0	.0	•0	•0		•0	.0	•0	•0	•0	.0	•0
12	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	•0	•0	.0	.0
13-15	.ŏ	:6	.0	.0	0.	•0	•0		•0	•0	•0	.0	•0	.0	•0
17-19	٠٥		•0	.0	.0	.0	•0		•0	.0	.0	.0	•0	•0	•0
20-22	.0	.ŏ	•0	.0	.0	.0	•0		•0	.0	•0	•0	•0	•0	•0
23-25	.0		•0	.0	.0		.0		ő	:0	•0	•0	•0	•0	•0
26-32	.ŏ	.0	ŏ	.0	.0	.0	•0		•0	•0	.0	•0	•0	• 5	•0
33-40		.0	.0	.0	ő	.0	.0		.0	.0	•0	•0	•0	•0	•0
41-48	ŏ	.,	ŏ	:0	.0	.0	.0		.0	:0	.0	•0	•0	٠.	•0
49-60		.0	•0	.0	ŏ	.0	ě		٥	.0	.0	•0	•0	•0	•0
61-70			.6	.0	.0				ŏ	.0	.0		•0	٠0	•0
71-86		.0	•0	.0	.0				.0	ě	.0	.0	•0	•0	•0
87+	.0	.0	.0	.0	.0				.0	ŏ	.0	.0		.0	•0
TOT PCT	.0	18.1	14.2	5.9	.0		38.2		ě	19.6	31.4	2.0	•0	.0	.0 52.9
									•••	• •			• • •	• •	25.47

									AUGUST				4054	0012 5	COLUMN	ET AVA
PERIODI	COAF	M-4LL)	1963-1	404				TABLE	18 CONT	)			arta		\$ 114	
				₽¢	T FRED	OF WIND	SPEED	(KTS)	ANP DIPE	CTION Y	ERSUS S	EA HEIG	HTS (FT	,		
				5 22-33					1-3	4-10	11-21	SW 22-33	34-47	48+	PCT	
HGT	1-3	4-10	11-21		34-47	48+	PCT		.0	-0.0			34-41	0		
<1	۰.	.0	0	.0	٠.	.0	4.9		.0	.0	.0	.0	.0	.5	.0	
1-2 3-4	٠.	3.4	1.5	.0	.0	.0			.0	.0	.0	.0	•0		ě	
5-6	.0	2.0	•0	2.0	.0	.0	3.9			.0	.0	:0	.0			
7	: ;	2.0	.0	;	.0	:0	.0		ŏ	ŏ	.0		.0	.ŏ		
8-9	• 5		.0	.0	.0		.0		ŏ	ŏ	.0		.0			
10-11	. 6			.0	.0	.ŏ	.0		iŏ	ě			•6	ŏ	.0	
12	ċ		.0	.0	.0	.ŏ	.õ		ě	.0	.0	.0	.0	.0	.0	
13-16	.0	.ŏ	ň	.0	.0		.0				.0		.0	.0		
17-19	ě	.0	.0	.ŏ	.0		ě		ž	ŏ		.0	.0	ŏ	.0	
20-22	.0	.0	ń	.0	.0		ō		. 0	.0	.0	•0	.0	.0	.0	
23-25	ŏ	.ŏ	.0	.0	.0	.0	.0		ñ	.0	.0	.0	.0	.0	.0	
20-32	. 0	.0	.0		.0	.0	.0		.0	, 0	.0	.0	.0	.0	.0	
33-40	, č	.0	.0	.0	.0	.0	.0		.0	,0	.0	.0	•0	.0	.0	
41-48	. o	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
49-60	. 0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	'n	.0	
61-70	ō		.0	.0	.0	.0	.0		.0	.0	.0	.0	•0		.0	
71-86	. o	.0	ò	.0	ن	.5	.0		.0	.0	.0	.0	.0	.0	•0	
87+	.0	.0	.0	.5	.0	.0	.0		'n	.0	.0	•0	.0	.0	.0	
TOT PCT	٥٠	5.4	1.5	2.0	.0	•0	8.8		•0	:0	.c	.0	•0	•0	•0	
				×								Na				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48.	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PET
<1		70.0	•0	.0	.0					.0		.0	.0			
1+2	٥٠	.0	• • • • • • • • • • • • • • • • • • • •	.0		.0	.č		ŏ	.0	.0	.0		.0	.0	
3-4	.č	.0	.0	.0	.0		ě		ñ	ŏ		.0	.0	.ŏ		
5-6	٥٠	.0		.0	.0	.0	č		ń			.0	.0	.0	.0	
7	:5	.č	.0			.0	·ŏ		.0	.0			.0	, o	.0	
8-9	.0	.ŏ			.0	.0	.0		. 0			.0	.0	.0	.0	
10-11	.á	.ŏ	٥.	.0	.0	• 2	.0		. 5	.0		.0	•0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0		.0	.0		.0	.0	.0	.0	
13-16	.0	.0	•0		.0	.0	.0		.0	.0	.0	.0	.0	.0	•0	
17-19	.0	.0	•0	.0	.0	.0	.0		.0	.0		.0	.0	.0	.0	
20-22	.c	.0	.0	.0	.0	.0	.0		.0	.0		.0	.0	.0	.0	
23-25	. 5	.0	.0	.0	.0	•0	.0		.0	-0	.0	•0	.0	.0	•0	
26-32	. 5	.0	.0	.0	.0	.0	.0		.0	.0		.0	.0	•0	.0	
33-40	.0	.0	.0	.0	.0	.0	•0		.0	.0	.0	.0	•0	.0	.0	
41-48	.0	.0	.0	.5	.0	.0	.0		•0	.0	.0	.0	•0	.0	.0	
49-60	. 5	.0	.0	.0	.0	.0	.0		.0	.0	. 0	.0	.0	.0	.0	
61-70	.o	.0	.0	. 0	.0	.0	.0		.0	.0	.0	.0	• • • •	.0	.0	
71-86	. 2	.0	•0	.0	.0	.0	.0			.0	.0	.0	•0	.0	.0	
67+	. 5	.0	.0	.0	.0	.0	.0			.0	.0	.0	•0	.0	.0	
TOT PCT	.0	.0	•0	.0	.0	.0	•0		.0	.0	0	.0	•0	.0	•0	100.0

STATES OF THE ST

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	.0	3.5	.0	.0	.0	.0	3.8	0.50
1-2	.0	26.4	17.0		. G	.0	43.4	
3-4	.0	9.4	22.6	7.5	.0	.0	39.6	
5-6	.0	5.7	5.7	1.9		.0	13.2	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.c	.0	.0	.0	.0	
10-11	.0	.0	.c	.0	.0	• 0	.0	
12	.0	.0	.5	. 0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0		.0	.0	.ŏ	
23-25	.0	.0			.0	.0	.0	
26-32	.0	.0	.0	. 0	.0	.0	.0	
33-40	.0	ō	.0	. 0	.0	.0		
41-48	.0	.c	.0		.0	.0	.0	
49-60	.0	.0	.c	. 0	.0	.0	.0	
61-70	.0		.0				.0	
71-86	.6	.ŏ						
87+	.0	.0				.0	.0	
311	••	••	••	• •		• • •		53
TCT PCT	.0	45.3	45.3	4,4	.0	.0	100.0	

PERIOD	1 104	ER-ALL	1 175	0-1969					TABLE	14											
					PFRCENT	FRE	BUENCY	OF WAY	E HE16	HT (F1	') VS	WAVE :	PERIOD	(SECON	os i						
PERIOD (SEC)	<1	1-2	•	6	7	8-9	10-11	12	13-16	17-19	20-22	23-2	5 26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN
<6	.0	14.5	15.	9.7	.0	.0	.0	.0	.0	.0	:0	ام (	٥. ٥	0 .0	.0	.0	.0	.0	.0	27	3
6-7	.0	4.8		4.8	4.8	1.6	•0	1.6	.0		:0	اه ا			• 0	.0	.0	.0	٠.	16	
8-9	.0		8.1	4.6	3.2	3.2	.0	.0	.0	.0	:0	او			.0	, ò	.0	.0	.0	12	9
10-11	.0	.0	.0	.0			.0	.0	.0	. ò	.0	ار (			.0	.0	.0	.0	.0	٥	
12-13	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0	.0	.0	.0	.0	0	
>13	.0		.ö	.0	.0	4.8	•0	.0	.0	.0	.0				.0	.0	.0	.0	.0	3	
INDET	1.6	1.6	6		.0	.0	.0	.0	.0	.0	.0				.0	.0	.0	.0	.0	4	3
TOTAL		13	: 1	13	•	Ĭ	ñ	ĭ	Č	ŏ	۰	) (	o d	Ö	Ó	0	٥	Ö	0	•2	4
PCT	1.4	21.0	97.1	21.0	1.1	0.7	٠,	1.6			٠.۵		ŏ.	ā .ŏ	.ŏ	,ŏ	.0	,ŏ	.0	100.0	

									5EP1	TEMBER								
	PRIMARY) OVER-AL								TAI	BLE 1				AREA ODI		THEAST		١
					•	ERCENT	FREQU	ENCY O	F WEAT	HER DC	CURRENCE	47 WI	ND DIR	ECTION				
				•	REC!PI	121TAT	TYPE						OTHER	WEATHER	PHEND	MENA		
*	ND CIR	PAIN	RAIN SHWR	ORTL	PR2G PCPN	SNON	OTHER FRZN PCPN	HAIL	PCPN A		Ph PAST Hour	THOR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR		SPR BLWG PLWG	DUST	ND S16 Wea
	N NE E SE S N N N N N N N N N N N N N N	000000000	000000000000000000000000000000000000000	.0		000000000	0000000000	0000000000	.6 .6 .1		0000000000	28.6	.0 6.1 3.7 1.8	0000000000	.0 28.6 4.0 .0 .0			42. 67. 95. 98. 100. 100.
7	CALM DT PCT DT DBS:	.0	.0	.0	.0	.0	.0	.0	•	0	•0	.7	3.5	.0	2.1		•0	93.
										ARLE 2								
						PE	RCENT	FREQUE		_	ER DCCUR	RENCE	BY HOU	R				
				,	RECIPI									" WEATHER	R PHEND	MENA		
	HOUR SMT)	RAIN	RAIN Shur	DR7L	FRTG PCPN		OTHER FRZN PCPN	HAIL	PCPN . OB TI		Ph PAST HCUR	THD LTP,	FOG WO PCPN	FOG WO PCPN PAST HI	SMOKE		OUST	ND SI
1	00603 06609 12615 18621	.0 .7 .0	.0	.0	.0	.0	.0	.0	• i • i • i	0 0	.0 .0 .0	.0 2.3	5.1 3.2 2.3 3.1	•0	5.1 .0 .0 3.1	)	.0000	89. 96. 95. 93.
	TOT PCT	145	.0	.0	.0	•0	•0	.c	•	0	•0	.7	3.4	•0	2•1		•0	93.
					PERCEN	ITAGE	FREQUE	ICY OF		ARLF 3	ON BY SI	EED AN	ID BY H	Igur				
,	ND DIR	0-3			1 (KND1 2-33 1		48+	TOTAL DBS	PCT FREQ	MEAN SPD	00	03	06	HOUR 09	(GHT) 12	15	18	2
	N NE E SE S S S S S S S S S S S S S S S S S	.0 .2 1.3 3.6 1.8 .5	.2 1.0 10.4 24.2 12.4 3.4	.0 7.9 23.2 5.8 .2	.0	00000000	.00		1.2 19.9 51.6 20.2 4.1	5.0 7.0 10.4 10.5 8.4 7.0 8.0 5.0	23-9 23-9 49-7 19-9	20.1 20.1 49.0 23.7 5.2	26.3 26.3 53.9 14.5	16.7 58.3 19.2 4.2	102 18.3 57.0 18.6 4.9	.0 .7 20.9 50.0 20.1 4.5 .7	1.5 7.4 58.8 30.9	20 45 18
	VAR CALP TOT CBS TOT PCT	2.1 49 9.5	268 52.1	.0 191 37.2	.0	.0	.0	514	2.1	0.0	2.3 8	1.0 1.0	.0	•0	.0 .0	3.0 67	.0 .0 17	7
										ABLE 3	)£							
			w	ND DIR	0-6	#IN 7-16	D SPEE!	7 28-	TS)	+ TO	TAL PO	T MEA		00 03	HDUR (	(GHT) 12 15	18	
				NE P SE S	13.5 6.3 1.8	11.6 29.7 11.1 2.2	3. 0.	3	0 .	0 0 0 0 0	10 19 51 20	2 5. 2 7. 9 10. 6 10. 2 8.	.0 .6 .5 .4	.0 1.2 21.9 49.3 21.9 3.5	.0 19.0 19.3 18.0	.0 1.0 19.4 19.3 4.7	1.0 2.3 17.8 47.4 20.4	
			T	VAR CA!M OT DRS	.1 .3 .0 2.1 164 31.9	.3 .0 .0 .0	• • • • • • • • • • • • • • • • • • • •	) •	.0 . 1	0 1		1 9	,0 .0	.3 .0 1.6 185 100.0 1	1.3 .0 .0 .0 .9	.0 .0 1.3 153	1.0 .0 6.2 97	

L	 Eb	

PERIOD: (PAIMARY) 1878-1969

TARLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HIND SPEEC (KNRTS)

HIND SPEEC (KNRTS)

HIND SPEEC (KNRTS)

00603 1.6 9.2 48.1 40.0 1.1 .0 .0 9.8 100.0 185

00609 .0 2.5 57.0 40.5 .0 .0 .0 10.3 100.0 7

12615 1.3 8.5 58.2 32.0 2.0 0.0 .0 9.3 100.0 15.

18621 0.2 0.2 49.4 37.1 1.0 .0 9.8 100.0 15.

18621 0.2 0.2 49.5 37.1 1.0 .0 9.0 9.0 100.0 15.

18621 0.2 0.2 49.5 37.1 1.0 .0 9.0 9.0 100.0 97

107 11 38 208 191 6 0 9.0 9.6 514

PCT 2.1 7.4 92.1 37.2 1.2 .0 .0 100.0

TARLE 5 TARLE 0

•	CT FRE			CLOUD A		EIGHTHS)		ı						G HEIG				
HAD SIR	,C-2	3-4	5-7	a c raser	TETAL PBS	MEAN CLOUD COVER	000 149	15n 290	300 599	999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH <5/8 ANV HGT	
4	.0	.0	٠,	.0		•0	,0	.^	.0	.0	.0	•0	.0	.0	• 9	٠.	•0	
NE		.0	.0	.0		. 5	•0	.0	.0	. 0	.0	.0	.0	• 0	•0		•0	
£	12.3	4.4	7.1	.0		2.0	• 5	•	.0	.0	2.4	.0	1.6	• 0	.0	.0	15.8	
ŠĒ	28.6	26.6	8.9	.0		2.7	2.	. 0	.0	.0	3.6	1.6	0	•0		ő		
S	5.2	2.4	3.6	.0		3.0	•0	. ^	.0		2.0	•0	1.6	•0	•0	40	7.5	
Š*	.5	1.0	.0	.0		4.3	•0	.0		•0	0	•0		•0	• 6	٥	1.6	
ä	.0		.0	.0		• 0	•0	. 0	·	.0	.ŏ	•0	ō	.0	•0	.0	.,5	
Ÿe	.0	. 0				.0	• 0		.0	.0	.0	• 0	. 6	•0	• 5		•0	
VAR	Ιà	.5	. 0	ň		• 0	•0	ě	Ö	.0		ě	. 6	.0		.5	•0	
CAL	.0	.0	.5	.0			• 3				• •		• *				-	
TOT DAS	29	22	12	•0	63	•0 2•6	• 5	• 2	•0	•0	•0	• • •	•0	• 0	•0	• 0	.0 55	63
TOT SCT		3, 6	1,000	**		E • U			~		- :		- :	· ·	0			40.00

TABLE 7

CUMULATIVE PCT FREG DF SIMULTANEOUS DECURRENCE DF CEILING HEIGHT (NH )4/8) AND VSBY (NM)

				VSBY (NH	1)			
CEILING	● CR	- OR	= DR	= fiR	• DR	• DR	e JR	· DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
= OR >6500	.0	•0	.0	.0	.0	.0	•0	.0
■ CR >5000	-0	• ၁	•0	.0	.0	.0	•0	.0
<ul> <li>□ DR &gt;3500</li> </ul>	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
<ul> <li>□ FR &gt;2000</li> </ul>	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
= OR >1000	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
- DR >600	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
• NK >300	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
■ DR >150	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
■ DR > 0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
TOTAL		8	8	8	6		8	8

TOTAL NUMBER OF OBS: 64 POT FREQ NH <5/81 87.5

TABLE 74
PERCENTAGE FREQ OF COM CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD 085 15.5 16.9 32.4 14.1 9.9 8.5 2.8 .0 .0 .0 .0 71

SUPTEMBER

Ö

PERIODI	(PR[MARY) 1 (OVER-ALL) 1							TAF	LE 4				ARE	A 001Z	SOUTHEAST JAVA 8.95 114.4E
			•	ERCEN1	FREQ PREC	OF WIN	D DIRE	CTION N	ING V	URRENC ALUES	E OR P	ON-00	URRENC TY	E OF	
	VS&V (NM)		N	NE	E	SE	5	S¥	W	NW	VAR	CALH	PCT	TOTAL	
	€1/2	PCP NO PCP TOT %	.0	.0 .0	•0	•0	•0	•0 •0	.0	.0	.0	•0	.0		
	1/2<	PC*	.0	.0	.0	•0	.0	•0	.0	.0	.0	•0	.0		
		TOT %	.0	.n .n	•0	.7	••	•0	•0	•0	••	•0	.0		
	1<2	NO PCP TOT \$	.0	:	.7	1.4	.4	•0	.0	:7	•0	*0	3.5		
	2<5	PCP NO PCP TOT %	.0	.0 .0	.0 .7 .7	•0	•0	•0 •0	•0	.0	.0	•0	.0 .7 .7		
	5<10	PCP NO PCP TDT %	.0	.0	2.5 2.5	.0 13.7 13.7	.0 7.0 7.0	.0 3.2 3.7	•¢	•0	•0	•0	27.5 27.5		
	10+	PCP NO PCP TOT %	.0	.0 .5	.0 12.9 12.9	.0 41.5 41.5	.0 12.0 12.0	•0 •7 •7	.0	•0	•0	•0	.0 67.6 67.6		
		TOT DES	.0	1.2	16.7	57.4	19.4	3.•	.4	1.1	•0	•0	100.0	142	

G

Ü

				PERCEN			NO DIRE				ED		
VSBY	SPD	N	NE	E	SE	à	SH	-	NY	VAR	CALM	PCT	TOTAL
(NH)	KTS										•	. • .	DBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0	.0	• 6	.0	.0	.0	.0		.0	
	11-21	.0	•0	•0	.0	•?	•0	.0	.0	.0		.0	
	22+	.0	.0	•0	•0	•0	.0	.0	.0	.0		.0	
	TOT \$	.0	.0	•0	•0	•0	•0	•0	.0	.0	.0	•0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
1/2<1		.0	.0	•0	.5	•0	.0	.0	•0	.0		.5	
	11-21	.0	.0	•0	.0	.0	•0	.0	•0	.0		.0	
	22+	.0	٠.	•0	• 0	•0	.0	٠.٥	.0	.0		.0	
	TOT %	•0	•0	•0	.5	•0	.0	•0	.0	.0	•0	.5	
	0-3	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	
1<2	4-10	.0	.3	1.0	.7	.2	٠.	• •	.5	.0		2.7	
	11-21	.0	.0	•2	.2	•0	.0	.0	.0	.0		,5	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	.3	1.2	.9	.2	•0	.0	.5	•0	•0	3,2	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	•0	.0	.5	.0	.0	.0	٠.	.0	.0		.5	
	11-21	•0	٠.	.0	• 0	•0	.0	•0	.0	.0		.0	
	22+	.0	.0	.0	•0	•0	.0	.0	•0	.0		.0	
	TOT %	.0	-0	.5	•0	.0	•0	.0	.0	.0	•0	.5	
	0-3	.0	.0	.2	2.0	1.4	.0	.0	.0	.0	.0	3.6	
5<10		.0	.7	1.1	4.5	2.5	2.0	. 2	.2	.0		11.3	
	11-21	.0	٠0	.5	3.4	•7	.0	.0	.0	.0		5.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	.7	1.8	10.4	4,5	2.6	.2	.2	.0	.0	17.9	
	0-3	.0	.5	.5	1.4	.5	.0	.0	.0	.0	3.2	5,9	
10+	4-10	.5	1.2	7.3	24.5	10.1	1.5	.0	.0	.0	,	47.1	
	11-21	.0	.0	4.9	19.3	2.6	. 3	.0	.0	.0		23.1	
	22+	.0	.0	•0	•0	•0	.0	.0	.0	.0		.0	
	TOT #	.5	1.7	14.6	41.2	13.1	1.8	.0	•0	.0	3.2		
	TOT ORS												221
	TOT PCT	.5	2.7	18.1	52.9	17.9	3.8	.2	.7	.0	3.2	100.3	

P٦			

PERIOD:	(PRIMARY)	1878-1969
	(DVER-ALL)	1859-1969

PERCENT	FREQUENCY	06	CFILIS.	; HEIGHTS	: FEETANH	>4/61	AND
	Defu	BEN	re ne :	uu /6/8 S	LU LICHE		

HOUR (GHT)	000 149	190 299	300 599	600 999	1999	2000 34 <b>9</b> 9	#500 4009	5000 4499	6500 7999	6009+	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00603	.0	.0	.0	.0	11.1	3.6	5.6	.0	.0	•0	22.2	77.8	16
960360	.0	.0	.0	.0	21.4	.0	.0	.0	.0	.0	11.1	\$8.9	10
12615	٠.	.0	.0	.c	•0	.0	.0	.0	.0	•0	.0	100.0	10
18621	.0	.0	.0	.0	5.9	.0	5.9	.0	.0	•0	11.6	84.2	17
TOT PCT	.0	.0	.0	.0	7.0	1.4	2.6	.0	.0	•0	11.3	63 60.7	71 100.0

TABLE 11

		PERCENT	FREQUENC	* VS8Y	(NH)	84 4008		CUMULAT					VSBY (NM) )/BY HOUR	AND/OR
HOUR (GMT)	<b>C</b> 1/2	1/2(1	1<2	2<5	5<10	10+	TOTAL Ces	HOUR EGHT)	<150 <50YD	<000 <b>∢</b> 1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL OBS
00603	.0	1.5	3.2	.0	20.6	74.6	63	00603	•0	•0	.0	22.2	77.8	18
90360	.0	د.	. ?	•0	25.0	75.0	40	06609	•0	•0	.0	12.5	87.5	16
126 15	.0	٠.	4.5	1.5	21.2	72.7	66	12615	.0	-0	.0	•0	100.7	16
18821	٠,	٥.	3.7	.0	14.8	81.5	54	18621	•0	•0	.0	14.3	85.7	14
TOT PCT	.5	.4	3,1	.4	20.2	109 75.8	223 100.0	TOT PCT	•0	.0	.0	12.5	56 87.5	100.0

TABLE 14

	1845																			
	PERC	ENT FR	EOJENC	4 11F P	EL AT I VI	E HUMI	DITY B	Y TEMP	TOTAL	PCT		PERC	ENT FR	EGNENC	Y OF W	14D D18	ECTIO	4 8Y T	E M P	
+£mb t	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FREG	N	NE	E	SE	S	Sh	d	NK	VAR	CALM
85/89 80/84 75/79	.0	.0	.0	.0	6.8	.0 17.9 23.1	.0 6.8 34.2	.0 .0	1 37 78	.9 31.6 66.7	•0	.0	.0 6.8 7.9	.9 18.6 41.0	.0 3.6 13.5	.0 1.3 3.0	.0	.0	.0	.0 .0
70/74 70/74	.3	.0	.0		.0 14	•0 48	48	. 9	1	100.0	•0	•0	.0	•0	.9	.0	.0	.0	.0	.0
PCT	.0	•0	•0	1.7	12.0	41.0	41.0	4.3			•0	.9	14.7	60.5	17.9	4.3	.4	1.3	.0	.0

				TAR	LF 15									TABLE	16			
	SANS,	EXTREM	ES AND	PERCE	TILES	OF 1E-	P (DE	G F) 8	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTICIMU	BY HOUR	l .
HOUR (GMT)	MAX	998	95%	50%	54	1*	MIN	MEAN	TOTAL OBS	HOUR (GHT)	0=29	30-59	60-69	70-79	80-89	90-100	-	TOTAL DBS
00603	87 86	86	84	80	77 77 75	75 75 74	75 75 74	79.8 80.6 78.4	179 79 153	00303 90360 21321	•0	3.8	3.0 30.8 12.1	60.6 42.3 33.3	30.3 23.1 31.5	3.0 .0 3.0	78 74 80	33 26 33
12615 18621 TOT	86 87	84 83 86	82 80 83	78 77 79	74 75	73 74	73 73	77.4 79.1	99 510	18621 TOT	.0	.0	3,7	22.2	39.3	14.8	83 79	27 119

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PERIOD: (PRIMARY) 1878-1967 (DVER-ALL) 1859-1969

TABLE 17

ARE: 0017 SQUTHEAST JAVA 8.95 114.4E

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	85	TOT	W	MO
THP DIF	7⊕	80	84	9.8		FOG	FOG
6	.0	.0	2.2	• 2	2	.0	2,2
ě.	.0	.0	2.2	'n	Ž	.c	2.2
3	.0	.0	5.5	1.1	6	.0	6.6
Ž	.0	3.3	3.3	0	6	.ŏ	6.6
1	2.2		2.2	.0	12	1.1	12.1
Ó	1.1	27.5	2.2	.0	20	3.3	27.5
-1	1.1	19.5	2.2	.0	21	.0	23.1
-2 -3	1.1	7.7	1.1	.0	9	.0	9,9
-3	.0	1.1	.0	.0	1	.0	1.1
-4	.0	1.1	.0	.0	1	.0	1.1
-5	2.2	1.1	.0	, o	3	.0	3,3
TOTAL	7	•••	19	•	•	4	87
		64	-	1	91	•	-
DCT	7.7		20.9	1.1	100.0	4.4	94 A

PERIOD: (DVER-ALL) 1963-1969

TABLE 18

ACT FRED OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT) 11-21 11=21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 4-10 .0 .0 .0 .0 .0 .0 .0 .0 .0 1-3 1.3 4-19 HGT
<11-2
3-4
5-6
7
8-9
10-11
12
13-16
17-19
20-22
23-25
26-32
24-48
49-40
61-70
71-86
47-70
TPCT 4 HGT
<11-2
3-4
5-6
7
8-9
10-11
12
13-10
17-19
12-22
30-32
23-30
41-48
49-40
61-70
71-86
87+
FOT PCT 1-3 -33 4-47

									SEPTEMBFR							
PERIODI	(OVER	-ALL)	1963-1	969				TABLE	18 (CONT)	H			AREA	0012 S	S 114	
				₽¢	T FRED	OF WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)			
HGT	1-3	4-10	11-21	5 22-13	34-47	48+	PCT		1-3	4-10	11-21	S# 22=33	34-47	44.	PCT	
<1			.0	.0	.0		.0		.0	.0	•0	.0	•0	.0		
1-2	ā	5.3	, ŏ		ò	.0	5.3		. 0	3.0		.0	•0	.0	3.0	
3-4	٥٠	1.3	3.0		. ,		11.4		.0	.0	.0	.0	.0	.0	.0	
5-0	. 5	3.0	4.5	.0		.0	7.6		.0	.0	.0	.0	•0	.0	.0	
7	.0	.0	.0	•0	.0	.0	.0		•0	.0	.0	.0	•0	•0	.0	
8-9	. 3	.0	.0	.0	.0	.0	.0		.0	•0	.0	•0	•0	.0	.0	
10-11	. c	.0	.0	.0	.0	.0	.0		.0	•0	.0	•0	•0	.0	•0	
12	. 0	.0	.0	.0	.0	• >	.0		.0	•0	.0	•0	•0	•0	•0	
13-16	.0	.0	•0	. ,	• • • •	.0	.0		.0	•0	.0	•0	يا.	•0	•0	
17-19	.0	.0	• (	.0	.0	.0	.0		•0	•0	•0	•0	• 5	•0	•0	
20+22	.0	.0	• )	.0	.0	•0	•0		• 2	•0	•0	•	٥.	٠0	•0	
23-25	.0	.0	*6	.0	• • •	•0	•0		•0	٠,٥	•0	•0	• 5	•0	•0	
26-32	. 3	.0	3.	.0	•0	•0	•0		•0	•0	•0	•0	•0	•0	.0	
33-40	.0	.0	٦.	.0	۰,	•0	•0		•0	•0	.0	•0	•0	•0	•0	
41-48	•0	.0	.0	.0	.0	.0	• 5		•0	.0	.0	•0	•0	.0	.0	
49-60	٠.	.0	•0	•0	•0	.0	•0		•0		.0	-0	•0			
61-70	.0	.0	•0	.0	.0	.0	.0		.0	٥٠	.0	•0	•0	.0	.0	
71-66	• 0	.0	•0	.0	• • •	٠٥	•0			.0	.0	•0	•0	.0	.0	
87+	.0	16.7		.0	•0	.0	24.2		.0	3.0	.0	.0	•0	.0	3.0	
TOT PCT	.0	10.7	7.6	.0	۰.	.0	24.2		••	3.0	•0	••	••	••	3.0	
				¥								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	• 0	.0	•0	•0	.0	.0	•0		.0	•0	.0	•0	• 5	•0	•0	
1-2	٠.	۰.	•0	.0	.0	.0	.0		•0	•0	.0	.0	• 2	٠٥.	•0	
3-4	•0	٠.	•0	.0	.0	.0	.0		.0	.0	•0	•0	•0	.0	•0	
5-6	٠.	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	•0		••	
7 8-9	•0	.0	.0	•0	.0	.0	.0		• 0	.0	.0	.0	.0		•0	
10-11	ť	.0	•0	.0		.ŏ	٥		ő	.0	ě		.0	.5	.ŏ	
12		.ŏ	•0	.0	.0	.0	.0		ñ	.0	.0	.0	•0	.0	•0	
13-10	ě	.ŏ	.0		ŏ	.5	.0		.0	.0	.0	.0	•0	.0	.0	
17-19	ě	.0	.0	.5		.0			.0	.0	.0	.0	.0	.0	.0	
20-22		.0	•0			.5			.0	.0	.0	.0		.0	.0	
23-25	ě		.0	.0	.0	.0			.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
33-40	.c	.0	.0	.0	.6	.0	.0		.0	.0	.0	.0	.0	.0	.0	
41-48	.5	.0	.0	.5	. 5	.0			.0	.0	.0	.0	•0	.0	.0	
49-60	Ď	.0	.0	.0	.0	.0	.0	)	.0	.0	.0	.0	•0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	. າ	.0	.0	.0		.0	•0	.0	.0	•0	.0	.0	
87+	.0	.0	•0		.0	.0	.0		• 0	.0	.0	.0	•0	٥٠	•0	
TOT PCT	•0	.0	•0	•0	.0	•0	•0	}	.0	•0	.0	•0	•0	•0	•0	100.0

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
нст	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<b>&lt;</b> 1	.0	6.1	.0	.0	.0	٠,	6.1	
1-2	.0	36.4	12.1	.0	.0	.0	48.5	
3-4	•0	9.1	15.2	.0	.0	.0	24.2	
5-6	2.	3.0	12.1	.0	.0		15.2	
7	.0	.0	3.0	.0	•0	.0	3.0	
8-9	.0	.0	3.C	.0		.0	3.0	
10-11	.0	.0	.0	.0	•0	.0	.0	
12	.0	.0	.0	.0	.0	.0	ō	
13-16		.0	.c	.0	.0	.0	io	
17-19	.0	.0	.c	.0	.0		·õ	
20-22	.0	.0	.0	, c	.0	.0	·õ	
23-25	.0	.0	.c	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	. 0	.0	
33-40	.0	.0	.0	.0	.0		.o	
41-48	.0	.0	.0	.0	.0		.õ	
49-60	.0	.0	.0	.0	.0		.0	
61-70	.0		.c	.0	.0		.0	
71-86		.0	.0	ō	.0		ě	
874	.0	. o	.0	.0	.0		.0	
• •	• • •	•		• •		•		33
TOT PCT	.0	54.5	45.5	.0	.0	.0	100.0	•-

PERIOD: (DVER-ALL) 1950-1969

TABLE 19

PPRCENT FREQUENCY OF WAVE MEIGHT (FT) VS WAVE PERIOD (SECONDS) 07+ TDTAL

.0 23
.0 10
.0 15
.0 3
.0 0
.0 0
.0 0
.0 53
.0 100.0 PFRIOD (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 1-2 3-4
13.2 13.2
1.0 7.5
.0 .0
.0 .0
.0 .0
.0 .0
1.0 .0
1.1 .0
17.0 28.3 1-70 71=66 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 7.5 .0 .0 .0 .0 .0 -----5-6 5.7 .0 9.4 1.9 .0 .0 3.8 9.4 9.4 1.9 .0 1.9 14 26.4 ••••••••• .0 000000000 ....... ........ .00000000 0000000000 000000000 .........

PERIOD: (PRIMARY) 1872-1969 (OVER-ALL) 1856-1969

TABLE :

AREA 0012 SOUTHEAST JAVA 8.95 114.5E

1.7

· 1

# PERCENT PREQUENCY OF MEATHER OCCURRENCE BY MIND DIRECTION

			,	RECIPI	DITAT	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND CIR	RAIN	RAIN Shur	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HDUR	THOR	POG HO PCPN	POG WD PCPN PAST HR	SHOKE HAZE		
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.ŏ	.0	.0	.0	.ŏ	.0	.0	.0	.0	, o	.0	.0	50.0		50.0
E	.ŏ	.0	.0	.0	.0	.0	.0	.0	•0	1.0	.0	.0	•0		97.0
ŠE	2.0		.ŏ	.ŏ	.0		.0	2.0	•0		• 0	.0	2.0		92.4
ξ.	1.5	2.9	.0	.0	.0	.0	.0	4.4	• 0	`.0	.0	.0	3.4		92.2
Šu		. 0	.ŏ	.0		.0	.č	.0	.0	ŏ	.0	iŏ	6.2		93.6
,		ŏ			.0		.0		•0	.0	.0	.0	.0		100.0
Nie	ŏ	٥٠		ŏ					.0	ō	ě	ě	.0		100.0
VAR			.0						• 0			.0	•0		
								.0	• 0	ŏ		۸٥	•0		100.0
CALM	.0	.0	.0	.0	.0	•0		•0	••	v	.0	~0	•0	••	100.0
TOT PCT TOT CBS:	1.3	1.3	.0	.0	•0	.0	.0	2.6	•0	1.3	•0	•0	3.2	•0	92.9

TABLE 2

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	HENA	
HOUR (GMT)	RAIN	RAIN SHWR	DRZL	FR2G PCPN	SNON	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THDR LTNG	FOG HO PCPN	FOG WO PCPN PAST HR	SHOKE		ND SIG WEA
00603 06609 12615 18621	.0 2.1 2.6	2.0 3.3 2.1 .0	.0 .0 .0	.0	.0	.0	.0 .0 .c	2.0 3.3 4.3 2.6	•0 •0 •0	.0 2.1 5.3	.0 .0 .0 2.6	.0 .0	8.0 .0 .0 2.6	•0 •0	90.0 96.7 93.6 86.8
TOT PCT	1.2	1.4	.0	.0	•0	.0	•0	3.0	•0	1.8	.6	•0	3.0	•0	91.5

TABLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		wil	ID SPEI	ED (KNI	)TS)								HOUR	(GMT)			
WNO DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT FRFQ	MEAN SPD	00	03	06	09	12	15	18	21
N NE	.0	.3	.0	.0	•0	.0		.3	5.0 5.6	4.9	•0	•0	.8	•0	•0	•0	1.2
E	1.3	13.3	4.0	.1	.0	•0		18.7	8.4	26.1	25.2	13.2	16.8	12.9	9.6	8.3	21.2
S.F.	2.4	28.4	12.3	.6 .0	.0	.0		43.7	9.4	38.5 20.3	40.5	47.4		49.7 28.9	52.7 26.0	33.3	36.5 19.4
Š'n	1.4	5.3	1.1	.õ		.ŏ		7.7	6.9	6.0	4.9	7.9		6.5	6.2	4.8	16.5
W Nw	.4	1.4	.0	.0	.0	.0		1.7	5,4 4,0	2.5	2.2	.0	.0	1.1	2.1	4.8	1.8
VAR	.0	.4	ě	.0	:ŏ	.0			7.0		•0	.0		1.5	ö	ŏ	•••
CALM	1.8							1.8	.0	1.1	3.5	.0 19	61	.0 89	2.7	4.8	2.4 85
TOT DBS	57 10.3	368 66.7	122	.7	.2	.0	552	100.0	•						100.0		

TABLE 3A

NID DIR	0+6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL DBS	PCT FREQ	MEAN SPD	00 03	HDUR 06 09	(GHT) 12 15	18 21
NE	:3	.0	•0	•0	:0		.3	5.6	2.2 25.6	.6 .6 15.9	.0	.0
€ 5E	12.1	11.5 28.3 13.4	3.1	.0 .2 .2	••		18.7 43.7 24.6	8.4 9.4 8.0	39.6	46.9	11.4 51.1 27.6	18.6 38.0 22.2
Św	4.2	3.4	•2	.0	.0		7.7	6.9 5.4	5.4 2.3	8.1	0.3	14.2
VM VAR	.5	•0	•0	•0	.0		.0	4.0	.2	.0	.0	• •
CALM TOT OBS TOT PCT	1.8 208 37.7	316 57.2	26 4.7	, 2 , 4	.0	552	1.8	•: <del>°</del>	2.5 204 100.0	100.0	1.2 162 100.0	2.8 106 100.0

OCTURER

PERIOD: (PRIMARY)			AREA 0012 SQUTHEAST JAVA
(DVER-4LL	1856-1969	TABLE 4	4.95 114.5E
		PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GMT)	

		FER	PENIAUE	P.KE GUI	NCT UP	MIND SPI	ED DY	HOUR	(GM1)	
ндия	CALM	1-3	4-10		SPEED ( 22-33	KNUTS) 34-47	48-	HEAM	PCT PREQ	TOTAL OBS
00603	2.5	9.8	64.7	22.5	.0	. 5	.0	8.1	100.0	204
90360	.0	3.8	71.3	25.0	.0	.0	٠.	4.8	100.0	40
12615	1.2	9,9	67.9	19.8	1.2	.0	.0	8.5	100.0	162
18621	2.8	7.5	65.1	22.6	1.9	.0	.0	1.4	100.0	106
TOT	10	47	368	122	4	ì	0	8.4	••••	552
PCT	1.8	8.3	66.7	22.1	.7	.ž	.0		100.0	

			7	ARLE 5								T	ISLE 6					
•													CEILIN NH <5/					
WND DIR	0-2	3-4	5-7	8 & 085CD	TETAL CBS		000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 79 <b>9</b> 9	€000 <b>÷</b>	NH <5/8 ANV HGT	
HE SE SH HH	.0 3.9 14.0 15.9 1.6 2.3	.0 1.3 2.6 8.8 15.3 1.9	.0 4.2 13.3 3.2 1.6 2.3	1.0 2.9 1.0		.0 3.0 3.9 3.7 2.6 3.1 3.1	•0		00000000	.0 .0 1.6 1.0	.0 .0 3.9 1.3 .3 2.3	.0 .0 1.3 .0	00000000	•0	1.3	•0	.0 1.3 12.0 30.5 33.1 9 2.3	
VAR CALM TOT USS TOT PCT	2.6	.0 .1 23 29.9	.0 19 24.7		77	1.0 3.2	•0	0	•0	2.6	.0 .0 6 7.8	.0 .0 1	.00	•0	•0 •0 1	0.00	2.6 67 87.0	77 100.0

TARLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH 34/8) AND VSBV (NH)

				VSBY (NM	)			
CEILING	• OR	• DR	→ 78	■ DR	• DR	= CR	- OR >50YD 1.3 1.3 2.5 10.1 12.7 12.7 12.7	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
● ER >6500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
<ul><li>□ PH &gt;5000</li></ul>	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
• DR >3500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
<ul> <li>DR &gt;2000</li> </ul>	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
■ OR >1000	10.1	10.1	10.1	10.1	10.1	10.1		10.1
■ PR >600	10.1	12.7	12.7	12.7	12.7	12.7	12.7	12.7
■ DR >300	10.1	12.7	12.7	12.7	12.7	12.7	12.7	12.7
■ PR >150	10.1	12.7	12.7	12.7	12.7	12.7	12.7	12.7
• BR > 0	10.1	12.7	12.7	12.7	12.7	12.7	12.7	12.7
TOTAL		10	10	10	10	10		10

TUTAL NUMBER OF OBS: 79 PCT FREQ NH <5/8: 87.3

TABLE 7A
PERCENTAGE FREQ OF COM CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 8 DBSCD DBS 14.8 24.7 24.7 14.8 7.4 3.7 3.7 3.7 2.5 .0 81

							061	DOEP						
PERIOD: (PRIMARY) 1 (OVER-ALL) 1							TAR	LF B				ARE	4 0012	SDUTHEAST JAVA 8,95 114.5E
		PF	RCENT	FREQ PREC	OF WIN	D DIRECTION WIT	TION V	S OCCU	RRENC	E OR N DF VIS	IBILIT	URRENC Y	E OF	
VSSV (NM)		×	NE	E	SE	s	S¥	W	NW	VAR	CALM	PCT	TOTAL	
1997	PCP	• 1	٠,	.0	.0	•0	•0	.0	.0	.0	•0	.0		
<b>\$1/2</b>	NO PCP		·ċ	,0	.5	•0	.0	.0	. 0	.0	.0	.0		
••••	TOT %	.0	.0	.0	.0	•0	•0	.0	.0	.0	•0	.0		
	PCP	• າ	٠,	.0	.0	•0	• 2	.0	.0	.0	.0	.0		
1/241	NO PCP		.0	.0	.0	• 0	• 0	.0	.0	.0	.0	.0		
	TET &	.c	.0	.0	•0	•0	•0	.0	.0	.0	•0	.0		
	PCP	.c	.0	.0	.0	•0	•0	.0	. 2	.0	•0	.0		
1<2	O PCP	. C	.6	.0	.6	• 6	. 5	.0	.0	.0	•0	2.6		
	TOT &	•0	. 6	•0	.6	• •	• *	•0	•0	.0	•0	2.6		
	PCP	.0	.0	.0	.0	.0	• 2	.0	.0	.0	•0	.0		
2<5	NO PCP	• C	.0	.6	.0	•0	• 3	.0	.0	.0	•0	.6		
	TOT &	.0	.0	•6	•0	•0	•0	.0	•0	.0	•0	.6		
	PCP	. 0	.0	.0	1.1	. 8	•0	.0	.0	.0	• 2			
5<10	NO PCP	٠.	. ၁	3.4	12.2	10.6	7.2	.c	.0	.0	•6	34.0		
	101 %	• C	.0	3.4	13.3	11.4	7.7	.0	•0	•0	•6	35.9		
	PCP	••	.0	.0	.0	•6	• 2	.0	.0	.0	• າ	.6		
10+	NO PCP	.0	.6	6.7	26.0	20.2	2.4	2.2	. 6	•0	1.3	60.3		
	TOT \$	.0	.ė	6.7	26.0	20.8	2.6	2.2	.6	.0	1.3	60.9		

\*\*\*\* 5 0

								ECTION S DF VI			ED		
V 8Y (NY)	SPD KTS	N	NE	£	SE	5	SW	*	NW	VAR	CALM	PCT	TOTAL OBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0	, , ,	٥٠	.0	.0	.0	.ŏ	•••	iò	
	11-21	.0	.0	.0	.0	. 0	.0	.0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	٠.0	.0	.0		.0	
	TOT %	.0	.0	•0	.0	.0	.0	•0	.0	.0	.0	.0	
	د-0	.0	.0	.0	٠٥	.0	.0	•0	.0	.0	.0	.0	
1/2<1	4-10	.0	.0	.0	٠.	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	.0	.0	•0	.0	.0		.0	
	22+	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	<b>TOT \$</b>	.0	•0	•0	•0	•0	.0	.0	.0	•0	.0	•0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	.4	•0	. 4	. 4	. 4	.0	.0	.0		1.5	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	52+	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	. 4	•0	.4	• 4	. •	.0	.0	•0	.0	1.6	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	.0	.0	. 4	•0	•0	.0	.0	.0	.0		. 4	
	11-21	.0	.0	.0	.0	.0	.0	•0	.0	.0		.0	
	22+	.0	.0	٠,٥	.0	.0	.0	•0	•0	.0		.0	
	TOT \$	.0	•0	. 4	.0	•0	.0	.0	•0	.0	.0	.4	
	0-3	.0	.0	•0	•2	2.9	.9	.0	.0	.0	.6	4.7	
5<10	4-10	.0	.0	1.6	4.8	3.6	3.7	•0	.0	.0		13.8	
	11-21	.0	٠0	.5	3.0	1.1	.2	.0	.0	.0		4.7	
	22+	.0	•0	•0	.4	•0	.0	•0	.0	.0			
	TOT \$	.0	•0	2.1	8.4	7.6	4.8	.0	.0	.0	. 8	23.6	
	0-3	.0	•0		3.0	2.0	1.4	. • •	-4	٥٠	1.6	9,4	
10+	4-10	. 4	. 8	8.9	23.7	16.2	2.6	1.2	. 2	.0		53.9	
	11-21	٠.	.0	1.0	6.6	2.3	1.2	••	•0	.0		11.0	
	22+	.0	•0	•0	.0	•0	٠,٠	.0	.0	.0		.0	
	TOT X	.4	. 8	10.6	33.3	20.5	5.1	1.6	.6	•0	1.6	74.4	
	INT OBS												254
1	INT PCT	.4	1.2	13.1	42.0	28,4	10.3	1.6	.6	•0	2.4	100.0	

ΠP		

									DETE	BFR						
PER 100:	(PRIMARY) (OVER-ALL)	1872-19							TABLE	10			AA	tA 0012	SOUTHEAS 8.95 114	
					PER	CENT F			CFICIN			EET, NH HOUR	>4/81 A	ND		
		HOUR	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NH <5/		

HOUR (GHT)	000 149	150 299	300 599	999	1000 1999	2000 34 <b>99</b>	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00403	.0	.0	•0	•0	16.7	•0	•0	•0	•0	•0	16.7	83.3	18
90300	.0	•0	•0	•0	5.3	.0	•0	c.	.0	•0	5.3	94.7	19
12615	.0	•0	.0	5.0	5.0	•0	.0	.0	5.0	•0	15.0	85.0	20
18621	.0	.0	.0	4.3	4.3	4.3	.0	.0	.0	•0	13.0	87.0	23
TOT PCT	.0	.0	.0	2.5	7.5	1,3	.0	.0	1.3	.0	10 12.5	70 87.5	80 100.0

				TABLE 1	1						TABLE	12		
		PERCENT	FREQUE	1C4 VSBY	(NH)	BY HOUR		CUMULAT					VSBY (NM)	AND/OR
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TCTAL CBS	HOUR (GHT)	<150 <50YD	<600 <1	<1000 <b>&lt;</b> 5	1000+ 4ND5+	NH <5/8 AND 5+	TOTAL OBS
00203	.0	.0	3,0	.0	28.2	67.9	78	60300	.0	.0	.0	16.7	83.3	18
90360	•0	.0	.0	•0	14.6	85.4	48	90340	•0	•0	.0	5.3	94.7	19
12615	.0	.0	.0	1.2	29.6	69.1	81	12615	•0	.0	5.0	10.0	85.0	20
18621	•0	1.8	1.0	•0	23.2	73.2	56	10621	•0	•0	4.5	9.1	86.4	22
TOT PCT	. 5	.4	1.5	.4	25-1	191 72.6	263 100.0	TOT PCT	0.0	.0	2.5	10.1	69 87.3	79 190•0

					7/	ALF 1	•									TABLE	14			
	PER	CENT	FRE	OUENCY	OF RE	LATIV	E HUMI	DITY B	Y TEMP	TOTAL	***		PER	CENT F	EOUENC	Y OF WI	ND DÌR	ECTION B	Y TE4P	
TEMP F	0-29	30	-39	40-49	50-59	60-69	70-79	80-89	90-10		PCT FREQ	N	NE	E	SE	S	SW	W	NW VAI	R CALF
90/94 85/89 80/84 75/79 TOTAL PCT	• •		.00000	• • • • • • • • • • • • • • • • • • • •	.0 .8 .0 .0	2.5 .8 .0 5	.0 3.3 23.8 5.7 40 32.8	64	.0 4.9 4.9 12	1 12 74 35 122	.8 9.8 60.7 78.7 100.0	.0	: :	1.0 5.1 3.5	.0 3.5 29.3 11.7	4.5 18.0 7.8	.0 .8 6.6 1.2	2.9	.0 .0	
																				•
					TAR	.F 15										TABLE	16			
	MEANS,	EXTR	EMES	AND P	FRCENT	TILES	OF TEM	P (DEG	F) BY	HOUR			PERC	ENT FRE	QUENCY	OF REL	ATIVE	YTIGIPUH	84 +001	R
HOUR (GHT)	MAX	99			50%	5%	1%	MIN	HEAN	TOTAL OBS		HOUR (GMT)	0-29	30-59	60-69	70-79	80-8	9 90-100	HEAN	TOTA
£0300 <b>£03</b> 40	90 91	8	8	87 87	81 82	78 79	75 77		11.7	205 80		£0300	:0	4.2	12.5	39.5	55. 41.	3 2.6		38
12615	90		9	84	80 80	77	76 75	76	80.6	164		12615	.0	.0	•0	29.7	59.	5 10.8	63	37
10421	91		:	86	81	76	78		79.7	109		18621	.0	•0	3,1	25.0	50.		84	37

OCTOBER

PERIOD: (PRIMARY) 1872-1969 (OVER-ALL) 1856-1969

TABLE 17

AREA 0012 SOUTHEAST JAVA 8.95 114.5E

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE DCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

					•			
AIR-SEA	73	77	81	85	89	TOT	W	MQ
THP DIF	76	80	84	86	92		FDG	FUG
9/10	.0	.0	.0	. 8	.0	1	.0	. 0
7/8	.0	.0	.0	.0	2.4	3	•0	2.4
6	.0	.0	.0	.0	1.0	2	.0	1.0
5	.0	.0	.8	2.4	. 8	5	•0	4.0
ě		. 8	. 8	1,6	.0		.0	3.2
à		.0	2.4		.0	i i	.0	3.2
ž	ö	. 8	6.0	ě		12	٠٥	9.6
		1.6			ě	ii	.0	8.8
1	.0		6.4					
0	.0	10.4	12.8	. 8	•0	30	•0	24.0
-1	.0	9.6	4.8	•0	.0	18	•0	14.4
-2	.0	7.2	8.8	.0	.0	20	•0	16.0
-3	.0	1.0	2.4	.0	.0	5	.0	4.0
-4		3.2		. 0	.0	6	.0	4.8
-5				.0	.0	,	.0	1.6
					.ŏ	2		
-6	.0	1.6		•0		4	•0	1.6
TOTAL	2		60		6		0	125
		47		10		125		
PCT	1.6	37.6	46.0	8.0	4.8	100.0		100.0

PERIOD: (OVER-ALL) 1963-1969

				PC	T FREO	OF WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT:	)	
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT		1=3	4-10	11-21	NE 22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	• 0	-0	.0		•0	2.2	•0	.0	•0	.0	2.2
1-2	.0	.0	• 0	•0	•0	-0	•0		•0	.0	•0	.0	•0	.0	•0
3-4	.0	.c	.0	•0	.0	•0	•0		•0	.0	.0	.0	•0	.0	•0
5-6	•0	.0	•0	.0	.0	.0	.0		'n	.0	.0	.0	•0	.0	•0
7	.0	.0	•0	•0	•0	-0	•0		•0	.0	.0	.0	•0	•0	•0
8-9	•0	.0	•0	.0	.0	•0	•0		•0	•0	.0	.0	•0	.0	•0
10-11	.0	.0	•0	•0	.0	•0	•0		•0	.0	.0	.0	•0	.0	•0
12	.0	4.57	•0	.0	.0	•0	•0		•0	•0	.0	٠٥.	•0	.0	.0
13-16	.0	٠,	•0	.0	•0	• 0	•0		•0	•0	•0	.0	•0	•0	•0
17-19	.0	.0	•0	.0	.0	•0	•0		•0	•0	•0	.0	•0	.0	.0
20-22	•0	.0	•0	•0	.0	•0	•0		•0	•0	•0	.0	•0	.0	.0
23-25	.0	.0	•0	•0	.0	•0	•0		•0	•0	.0	.0	•0	.0	.0
26-32	.0	.0	•0	•0	.0	•0	•0		•0	.0	.0	.0	•0	.0	.0
33-40	.0	.0	•0	•0	.0	•0	•0		•0	•0	.0	.0	•0	.0	•0
41-48	.0	.0	•0	•0	.0	•0	.0		, 0	•0	.0	.0	•0	.0	•0
49-60	.0	.0	•0	.0	.0	• 0	•0		.0	•0	.0	.0	•0	.0	.0
61-70	•0	.0	•0	.0	. 5	.0	.0		•0	•0	.0	.0	•0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	•0		•0	.0	.0	.0	•0	•0	.0
87+	.0	.0	•0	.0	.0	.0	•0		.0	.0	•0	.0	•0	.0	•0
TOT PCT	.0	.0	•0	•0	.0	•0	•0		•0	2.2	•0	.0	•0	•0	2.2
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4=10	11-21	22-33	34-47	48+	PCT
<1	.0	1.6	•0	.0	.0	•0	1.6		2.2	12.0	.0	.0	•0	.0	14.1
1-2	.0	2.2	.0	.0	.0	•0	2.2		2.2	9.8	.0	.0	•0	.0	12.0
3-4	.0	2.2	3.8	.0	. 0	•0	6.0		.0	2.7	5.4	.0	•0	.0	8.2
5-6	.0	.0	2.2	.0	.0	•0	2.2		,0	.0	4.9	.õ	.0	.õ	4.9
7	.0	.0	.0	.0	.0	•0	•0		•0	.0	.5	.0	•0	.0	,5
8-9	.0	.0	•0	.0	.0	•0	•0		•0	.0	.0	.0	•0	.0	.0
10-11	.0	.0	•0	•0		•0	•0		•0	•0	.o	.0	•0	•0	•0
12	.0	.0	•0	•0	.0	•0	.0		.0	•0	.0	.0	•0	. >	•0
13-16	.0	.0	•0	.0	.0	•0	•0		•0	.0	.0	.0	•0	.0	.0
17-19	.0	.0	.0	.0	.0	•0	•0		•0	.0	.0	.0	•0	•0	.0
20-22	.0	.0	•0	•0	.0	•0	.0		•0	• 0	•0	.0	.0	.0	.0
23-25	.0	.0	•0	•0	.0	•0	.0		•0	.0	.0	.0	•0	•0	•0
26-32	.0	.0	•0	•0	.0	•0	•0		•0	.0	.0	.0	•0	.0	.0
33-40	.0	.0	•0	•0	.0	•0	•0		•0	•0	•0	.0	•0	•0	•0
41-48	•0	.0	•0	.0	.0	.0	•0		•0	•0	.0	.0	•0	.0	.0
49-60	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	.0	•0	.0	•0
61-70	.0	.0	•0	•0	.0	•0	•0		•0	•0	.0	.0	•0	.0	• 0
71-46	.0	.0	•0	۰0	.0	.0	.0		•0	•0	.0	.0	•0	.0	.0
87+	.0	.0	.0	.0	.0	•0	.0		.0	• 0	.0	.0	•0	.0	•0
TOT PCT	.0	6.0	6.0	•0	.0	•0	:5.0		4.3	24.5	10,9	.0	•0	•0	39.7

PERIOD:	/nuk		1843-1						OCTOBER				ARFA	0012 5	OUTHEA	AVAL TZ
bering.	LUVE	w-4[[,	1403-	. 707				TABLE	18 (CONT	)					5 114	
				>0	T FREG I	OF WIND	SPEED	(KTS)	AND DIRE	CTION V	ERSUS S	EA HETO	HTS (FT)			
				s								Sw				
HGT	1-3	4-10	11-21	22-33	34-47	460	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1_	.0	1.6	.0	.0	.0	•0	1.6		.0	•0	.0	•0	•0	.0	.0	
1-2	.0	16.3	0	.0	•0	•0	16.3		2.2	5	2.2	•0	•0	٠0	4.9	
3-4	•0	6.0	3.8	.0	.0	•0	9.8		•0	2.2	.0	•0	•0	.0	2.2	
5-6	•0	4.3	1.6	•0	.0	.0	•.0		•0	•0	.0	•0	•0	ö		
7	•0	.0	1.6	.0	•0	•0	1.6		٥.	.0	.0	.0	•0	.0	.0	
	•0	.0	•0	•0	.0	.0	.0		•0	.0	.0	.0	•0		.0	
10-11 12	•0	.0	•0	•0	.0	.0	•0		ě	.0	.0		•0	.0		
13-16	.0	.0	•0	.0	:0	.0	.0		.0		ě		.0	·ŏ	.ŏ	
17-19	.0	:0	•0	.0	.0	:0	.0		ö		.0	.0	ŏ	ö		
20-22	.ŏ		•0		ě		.0		ŏ	.0	.ŏ		.0	.ŏ	.0	
23-25			•0	.ŏ	ŏ	.0			ñ	.0	.0		.0	.0	.0	
26-32	.ŏ	.6	.0		ě	.0	.0		.0	.0	.0	.0	•0	.ò	.0	
33-40	.0		ň		ŏ	.0	ě		.0	.0	.0	.0	•0	.0	.0	
41-49		ŏ	.0	.0	.0	.0	.0		.0	.0	.0	•0	.0	•0	•0	
49-60	.0		40	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	•0	
61-70	. 6	.o	.0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	.0	
87+	.0	.0	.0	.0	.0	•0	.0		.0	.0	.0	•0	•0	.0	.0	
TOT PCT	.0	28.3	7.1	.0	.0	•0	35.3		2.3	2.7	2.2	•0	•0	•0	7.1	
												NE				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	2.2	.0	•0	•0	.0	.0	2.2		, n	.0	.0	-0	•0	.0	•0	
1-2	.0	1.6	.0	.0	.0	.0	1.6		.0	.0	.0	.0	•0	٠.	.0	
3-4	,õ,	Ĭ.ŏ	.0	.0	.0	.ŏ	•0		.0	.0	.0	•0	•0	•0	.0	
5-6	.0	.0	.0	•0	.0	•0	.0	!	.0	.0	.0	•0	•0	.0	.0	
7	.0	.0	•0	.0	.0	•0	.0		•0	.0	.0	•0	•0	.0	•0	
1-7	•0	.0	•0	•0	.0	٠0	•0		•0	•0	.0	•0	•0	.0	•0	
10-11	.0	.0	•0		.0	•0	•0		•0	•0				.0	.0	
12	.0	.0	•0		.0	•0	•0		•0	•0	•0	•0		.0	•0	
13-16	.0	.0	•0		.0	•0	•0		•0	.0			•0	•0	•0	
17-19	.0	.0	•0		.0	•0	.0		•0	•0				.0	•0	
20-22	•0	.0	.0		.0	•0	•0		•0	•0				•0	.0	
23-25	.0	.0	•0		.0	•0	•0		•0	•0				٠,٥	•0	
26-32	.0	.0	•0		•0	•0	•0		•0	•0				•0	.0	
33-40	.0	٠.0	•0			•0	•0		.0	•0				.0	.0	
41-48	٠.	.0	•0		•0	•0	•0		.0	.0				.0		
49-60	•0	.0	•0			.0	•0		.0	.0				:0	.0	
61-70 71-86	•0	.0	•0		.0	.0	•0		ö	:0				.0		
874	.0	.0	•0			.0	.0		ŏ	.0					.0	
TOT PCT	2.2	1.6	•0			.0	3.4			40						100.0

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4=10	11-21	22-33	34-47	48+	PCT	TOT 085
<1	4.3	17.4	.0	.0	.0	.0	21.7	563
1-2	4.3	30.4	2.2	.0	.0	.0	37.0	
3-4	.0	13.0	13.0	.0	.0	.0	26.1	
5-6	.0	4.3	8,7			.0	13.0	
7	.0	.0	2.2	.0		.0	2.2	
8-9	.0	Ö	•0	.0		.0	.0	
10-11	.0	.0		ō		.0	.0	
15	.0		·c	.0		.0	ě	
13-16	.0	••	.0	.0		.0	.ŏ	
17-19	.0		.0			.0		
20-22	.0		.0	ŏ		.ŏ	.0	
23-25	.0	.ŏ		ŏ		.0		
26-32	:ŏ	.0		.0		.ŏ		
33-40			.0				.0	
	•0	••						
41-48	•0	•0	•0				.0	
49-60	•0	٠,	.0			.0	•0	
61-70	.0	.0	.0	•0			•0	
71-86	•0	•0	.0	.0	.0	.0	.0	
874	.0	•0	•0	.0	.0	.0	.0	
TOT PCT	8.7	65.2	26.1	•0	.0	.0	100.0	46

PERIO	): (QV	ER-ALL	.) 195	0-196	•				TABLE	19											
					PERCENT	FRE	QUENCY	0F W	VE HEI	SHT (PT	) VS	HAVE P	ERIOD	(SECON	05)						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6 6=7	3.1	12.5	7.8 18.8	4.7	1.6	1.0	•0			.0	.0	•0	.0	.0	•0	.0	:0	.0	.0	19 21	3
8-9	•0	.0	1.6	4.7	.0	1.6	•0	6.1	.0	.0	Ö	.0	.0	.0	.0	.0	Ö	.0	.0	10	į
10-11	•0	:0	1.6	.0	4.7	:0	1.4,	1.0	• •0	:0	ě	.0	.0	:0	•0	:0	.0	:	.8	i	11
>13 INDET	1.6	.0	1.6	1.6	1.6	.0	•0			.0	.0	.0	ة:	.0	.0	.0	.0	.0	.0		4
TOTAL	3.7	17.3	20	16			1.4	7.		0	.0	.0	0	. 0	.0	.0	-0	.0	.0	100.0	•

PERIOD: (PRIMARY) 1869-1970 TABLE 1 ARCA 0012 SOUTHEAST JAVA (UVER-ALL) 1859-1970 TABLE 1 ARCA 0012 SOUTHEAST JAVA 3.95 114-ZE

PERCENT FREQUENCY OF WHATHER OCCURRENCE BY MIND DIRECTION

PRECIPITATION TYPE

WHO DIR RAIN BAIN OREL PRIG SNOW OTHER HAIL PCPN AT PCPN PAST THOR FOR PCPN HAZE BLWG DUST PCPN POPPN POPPN PAST THOR FOR PCPN HAZE BLWG DUST PCPN PAST THOR FOR PCPN HAZE BLWG DUST PCPN PAST THOR PCPN PAST THOR PCPN POPPN PAST THOR PCPN PCPN PAST THOR PCPN PAST TH

			•	RECIPI	TATIO	TYPE					OTHER	WEATHER	PHEND	MENA	
NND CIR	RAIN	RAIN SHUR	ORTL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HDUR	THOR	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUS BLWG SND	
N NE E SE Sh H Nh VAR CALM	.0 8.2 .0 .0 4.7 .0	.0 .0 .7 1.6 .0 11.0	.0	.0		.00.00		.0 8.2 .7 1.6 4.7 11.0	.0 .0 2.7 .0 2.3 13.7 .0	.0 9.5 12.2 2.7 2.1 .0	.0 .0 .0 .0 .0 2.3 2.7 .0		.0 .0 4.1 5.3 4.7 2.7 11.1	•0	100.0 90.5 79.6 89.8 91.0 66.0 65.9 88.9
TOT PCT TOT CBS:	1.4	2.0	.0	.0	•0	.0	•0	3.4	2.7	2.7	.7	.0	4.1	•0	\$6.5

TABLE 2
PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

						EREGNI	*****	MC1 01 ME		MENUE	טערו ויה	'N			
			•	RECIPI	TATIO	N TYPE					STHER	WEATHER	PHEND	MENA	
HOUR (GHT)	RAIN	PAIN Shur	DRZL	FRZG PCPN	SNOW	DTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST Hour	THOR LTNG	FOG WO PCPN	POG WO PCPN PAST HR		SPRAY BLWG DUST BLWG SNOW	NO Sig Wea
C0E03 06E09 12E15 18E21	.0 .0 5.6	2.4 3.6 .0 2.8	.0	.0	•0 •0 •0		.0	2.4 3.6 .0 8.3	4.8 .0 .0 5.6	.0 4.2 5.6	.0 2.1 .0	.0 .0	9.5 3.6 4.2	.0	83.3 92.9 89.6 80.6
TOT PCT TOT OBS:	1.3 154	1.9	.0	.0	•0	.0	.0	3.2	2.6	2.6	•6	•0	4.5	•0	86.4

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

LEMESINAR LEMANTE. OF MIND DIRECTOR OF SECTION DE LINAN																	
WND DIR	0-3			EC (KN 22-33	075) 34-47	48+	TOTAL Des	PCT FREQ	MEAN SPD	00	03	06	HOUR 09	(GHT) 12	15	18	21
N TE SE S S W W NH VAR CALM TDT CBS	.9 1.5 1.0 2.1 3.6 1.6 1.0 1.2 .0 5.5	1.7 6.4 19.2 17.9 8.7 5.2 2.3	1.9	.2	•••••	••••••	<b>6</b> 17	1.4 3.4 9.4 28.6 26.6 12.8 8.3 4.1	3.7 4.4 8.0 8.6 7.7 7.8 8.2 .0 7.4	2.5 4.1 11.6 25.6 28.1 5.0 9.4 7.5 .0 6.3	2.2 7.0 12.5 28.3 19.1 12.1 6.3 5.9	.0 .0 .0 33.3 33.3 12.5 20.8 .0	1.7 2.3 7.5 29.9 29.9 12.6 9.2 .0	1.8 .0 2.8 109	1.8 7.1 33.9 29.2 13.1 7.1 3.0 .0	.0 .0 21	1.1 10.8 24.4 23.3 16.5 7.4 7.4 .0 8.0
TOT PCT	18.5	61.9	18.6	1.0	.0	•0		110.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

NOVEMBER

PERIOD: (PRIMARY) 1869-1970 (OVER-ALL) 1855-1970

TAPLE 4

AREA 0012 SOUTHEAST JAVA 8.95 114.2E

# PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

				WIND	SPEED (	KNOTS)			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PREG	OBS
60200	6.5	18.1	55.6	18.5	1.4	.0	.0	7.0	100.0	216
90340	6.1	0.1	65.7	22.2	.0	.0	.0	6.1	100.0	99
12615	3.6	10.9	65.8	19.2	.5	.0	.0	7.8	100.0	193
18621	6.4	12.4	64.2	14.7	1.6	.0	.0	7.1	100.0	109
TOT	34	80	382	115	6	O	Ú	7.4		617
PCT	5.5	13.0	61.9	18.6	1.0	.0	.0		100.0	

TARLE 5

TABLE 6

P	CT FRE			CIDUD A		(EIGHTHS)		1					CEILIN NH <5/					
WND DIR	0-2	3-4	5+7	8 & nascn	TOTAL	MEAN CLOUD COVER	000 149	150 299	300 569	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999		NH <5/8	
N	.0	.0	1.5	.0		5.0	•0	.0	.0	.0	.0	•0	.0	.0	.0	.0	1.5	
NE		.0	1.5	1.9		7.1	•0	.0	.0	.4	.0	.0	.0	1.5	•0	.0	1.5	
-		1.5		1.1		5.5	•0	.0	.0	1.1	.0	.0	.0	. 8	.0	.0	1.5	
ŠE	11:4	9.5	5.8			3.7	• 0	.0	. 5		1.5	1.5	1.5	. 8	• 0	.0	25.4	
3.				1.5		3.5	•0	•0	.0	1.5			1.5	•0	.0	.0	28.8	
3	12.9	7.2	10.2											ě				
SH	0.7	3.0	3.4	•0		3.0	•0	• 6	•0	0	•0	1.5	.0		•0	•0	13.6	
w	3.4	+.5	3.0	3.0		4.6	•0	•0	.0	1.5	3.0	•0	•0	•0	•0	•0	9.5	
NW	.0	.0	.0	•0		•0	•0	•0	•0	•0	.0	•0	.0	•0	•0	.0	•0	
VAR	.0	.0	.0	•0		•0	•0	.0	.0	•0	.0	•0	.0	•0	•0	.0	•0	
CALM	.0	.0	.0	•0		•0	• 2	.0	.0	.0	.0	•0	.0	•0	.0	.0	•0	
TOT USS	24	17	18		66		ő	ň	Ö	3	• • •	٠,	ž	ž	ŏ	ŏ	54	66
TOT PCT	36.4	25.8	27.3		100.0		•ŏ	•0	•0	4.5	4.5	3.0	3.0	3.0	•0	•0	81.8	100.0

TARLE 7

CUMULATIVE PCT FREQ DF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

				VSBY (NH	)			
CEILING	• OR	# DR	- GR	■ DR	• DR	• CR	- 7R	· DR
(FEET)	>10	>5	>5	>1	>1/2	>1/4	>5040	>0
■ DR >6500	.0	.0	.0	٠.	.0	.0	.0	.0
■ TR >5000	1.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0
■ DR >3500	4.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0
■ CR >2000	7.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0
• DR >1000	10.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
• DR >600	14.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
■ DR >300	14.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
e DR >150	14.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
■ DR > 0	14.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
TOTAL	10	12	12	12	12	12	12	12

TOTAL NUMBER OF DBS: 6

PCT FREO NH <5/81 82.

TABLE 74

PERCENTAGE FREQ OF COW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 GBSCD NBS 5.6 20.8 29.2 12.5 13.9 6.9 4.2 .0 6.9 .0 72

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.7 100.0

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AREA 0012 SDUTHEAST JAVA 8.95 114.2E PERIOD: (PRIMARY) 1869-1970 (DVER-ALL) 1855-1970 SE VSBY (NM) VAR CALH PCT .0 .0 .0 000 077 000 •0 .0 .0 .0 .0 •0 .0 .0 .0 .0 .0 .0 1.0 1.0 .0 1.0 1.0 .0 .0 .0 ••••••••• •0•• .0 .0 PCP ND PCP TOT % 2<5 5.1 5.7 2.0 2.7 2.7 2.7 •0 •7 •7 PCP NO PCP TOT % 1.4 53.4 54.7 .0 148

8.3 24.8 31.8 14.5 12.3

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TABLE 9

NT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

3.0

VSBY (NH) SPD KTS 0-3 4-16 11-21 22+ TOT % PCT TOTAL DBS ••••• oncid docod oxeds none exect .0000 00000 00000 00000 00000 00000 .0000 0-3 4-10 11-21 22+ TOT \$ .0000 000000 00000 00004 .0000 .0 .0 .0 .0 .0 1.6 ••••• •••••• 1/2<1 0-3 4-10 11-21 22+ TOT \$ 00000 00000 00000 .000 .0 .0.0.0 1<2 0-3 4-10 11-21 22+ TDT % .0000 .0 2<5 1.2 5.6 1.2 .0 1.4 .8 .0 .0 3.4 .6 .0 3.0 .0 .0 5<10 .0 2.2 13.5 1.4 .0 .0 4.9 .2 .0 5.5 0.0 1.5 .0 .0 2.2 15.8 3.6 00000 TOT ORS 251 3.5 9.7 30.2 26.1 12.0 10.5 3.0 3.6 100.0

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PERIGO:	(PRIMARY)	1869-1970
	(OVER-ALL)	1855-1970

TABLE 10

AREA 0012 SOUTHEAST JAVA 8.95 114.2E

PERCENT	FREQUENCY		HEIGHTS	>4/81	AN

HOUR (GMT)	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7 <b>9</b> 99	4000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
£0300	.0	.0	.0	11.6	5,9	.0	5.9	.0	.0	•0	23.5	76.5	17
90380	.0	.0	•0	7.1	7.1	7.1	.0	.0	.0	•0	21.4	78.6	14
12615	.0	.0	.0	•0	.0	5.6	.0	.0	•0	•0	5.6	94.4	18
15381	.0	.0	•0	.0	4.5	.0	4.5	9.1	.0	•0	16.2	81.8	22
TOT	.0	0	0	4.2	4.2	2.8	2.8	2.8	0	0	12	59 83.1	71

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VSBY	(NH)	BY HOUR		CUMULAT					VSBY (NM)	
HOUR (GHT)	<b>4</b> 1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS	HOUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ 4ND5+	NH <5/8 AND 5+	TOTAL DBS
00603	.0	.0	5.9	2.9	30.9	60.3	68	00603	.0	•0	13.3	13.3	73.3	15
90360	.0	.0	4.4	•0	22.2	73.3	45	06609	.0	•0	7.7	15.4	76.9	13
12615	.0	.0	3.4	.0	28.1	68.5	89	12615	.0	•0	.0	5.6	94.4	18
18621	.0	.0	.0	3.6	34,5	61.8	55	18521	.0	•0	.0	19.0	#1.0	21
TOT	0	0	9 3.5	1.6	75	169	257	TOT	0	0	3	13.4	55	67

				T	ARLE 1	3									TABL	.E 14				
	PERC	ENT FR	EQUENC	Y JF R	ELATIV	E HUMI	DITY 8	Y TEMP	TOTAL	PET		PERC	ENT FR	EQUENC	Y OF .	IND DI	RECTIO	N BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	00-69	70-79	80-89	90-100		FREQ	N	NE	E	SE	\$	SW	Ħ	NM	VAR	CALM
90/94	.0	.0	.0	•0		6.7 34.5	4.2	•0	14	11.8	•0	.0	.0 1.3 5.3	3.8 22.1	2.5 27.7	1.7 13.0	.0 .4 14.1	.0 2.5	.0	.0
90/94 85/49 80/84 75/79 TOT#	.0	.0	.0	•0	2.5	34.5		5.9	101	44.9 2.5	.0	.2	5.3	22.1	27.7	13.0	14.1	2.5	.0	.0
TOTA:	.0	.0	•	0	5	50	56	6.7	119	100.0		.2		26.7	31.1	14.7	15.3	2.9	.0	

TARLE 15

	PEANS,	EXTREME	S AND	PERCEN	TILES	OF TEX	P (DE	G F) B	Y HOUR		PERC	ENT FRE	GRENCA	OF RELA	TIVE H	YTIDINU	BY HOUR	
HOUR (GHT)	MAX	998	952	50%	51	1\$	MIN	MEAN	TOTAL DBS	HOUR (GHT)	0-29	30~59	60-69	70-79	80-89	90-100		TOTAL
00003 00360 00360 1351 15381	92 91 87 85	91 90 85 84	88 87 84 83	84 83 82 81	80 80 79 77	77 72 77 76	76 72 77 76	83.8 83.8 81.9 80.9	208 98 185 104	00603 04609 12615 18621	•••	•••	16.7 .0 3.3	43.7 30.0 41.7 36.7	45.7 33.3 55.6 46.7	8.6 .0 2.8 13.3	80 77 80 82	35 24 36 30
TOT	92	90	87	63	79	77	72	82.7	595	TOT	0	0	5	54	56		80	125

NOVEHBER

PERIOD: (PRIMARY) 1869-1970 (OVER-ALL) 1855-1970

17

TABLE 17

AREA 0012 SDUTHEAST JAVA 8.95 114.2E

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PCT FRFQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	69 72	73 76	77 80	81 84	85 88	69 92	TOT	FOG	₩D FDG
	_				_	_			_
7/8	.0	•0	.0	•0	•0	.9	1	.0	• 9
6	.0	.0	.0	.0	. 9	•0	1	.0	. •
<b>A</b>	.0	.0	.0		1.9	.0	3	.0	2.6
i	.0	.0	.0	5.7	2.4	.0	3 9	.0	8.5
5		•0	.;	5.7	.,	.0	á		7.5
•				7.5			ě		7.5
	•0	•0				•0		.0	
0	.0	•0	3.4	30.2	. 9	•0	37	.9	34.0
-1	.0	.0	2.8	10.4	•0	•0	14	.0	13.2
-2	.0	-0	1.9	12.3	•0	.0	15	٠٥.	14.2
-2 -3	.0	٠ŏ	.0	1.9	.0	.0	2	.0	1.9
-1			. 9	1.9	.0		3		2.0
-4 -5			.,				3		
	•0	•0	• •	1.9		•0	,	.0	2.6
~6	.0	• 9	.0	•0	.0	.0	1	.0	.9
-7/-8	. 9	•0	.0	.0	•0	.0	1	.0	. 9
TOTAL	1		12					1	105
	•	•		83		1	106	-	
PCT	.9	. 9	11.3	78.3	7.5	. 9	100.0	. •	99.1

PERIOD: (DVER-ALL) 1963-1970

				₽¢	T FRED (	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (#7)		
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT		1=3	4-10	11-21	NE 22-33	34-47	48+	PCT
<1	.0	.0	•0	•0	.0	.0	•0		•0	•0	.0	•0	•0	.0	.0
1-2	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	•0
3-4	.0	.0	•0	• 0	.0	•0	•0		•0	•7	.0	•0	•0	•0	.7
5-6	•0	.0	•0	.0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0
7	.0	.0	•0	•0	,n	•0	•0		•0	• 0	.0	.0	•0	٥٠	.0
8-9	.0	۰.	•0	-0	•0	•0	•0		•0	•0	.0	•0	•0	.0	•0
10-11	.0	.0	•0	.0	•0	•0	•0		•0	• 0	.0	.0	•0	.0	•0
12	.0	.0	•0	•0	.0	•0	.0		•0	•0	.0	•0	•0	.0	•0
13-16	.0	.0	•0	.0	.0	•0	.0		•0	•0	.0	•0	. 6	.0	•0
17-19	.0	.0	•0	•0	.0	•0	.0		•0	•0	.0	.0	• 0	•0	•0
20-22	.0	.0	•0	•0	.0	•0	.0		.0	•0	.0	.0	• 0	•0	•0
23-25	•0	.0	•0	.0	.0	•0	٠٥.		•0	•0	.0	.0	•0	•0	•0
26-32	• 0	.0	•0	• 0	.0	•0	•0		•0	•0	.0	•0	*0	.0	•0
33-40	• 0	.0	•0	.0	.0	•0	•0		•0	•0	٥,	•0	•0	.0	•0
41-48	.0	.0	•0	.0	•0	•0	.0		•0	•0	۰۵	•0	•0	•0	•0
49-60	.0	•0	•0	.0	.0	•0	•0		•0	•0	.0	.0	•0	.0	•0
61-70	.0	.0	•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	٠.	•0
71-86	• 0	.0	•0	.0	.0	•0	•0		٠Ō	•0	•0	.0	•0	•0	•0
87+	•0	.0	•0	.0	•0	•0	•0		, C	•0	•0	.0	•0	.0	•0
TOT PCT	•0	.0	•0	•0	.0	•0	•0		•0	•7	•0	•0	•0	•0	.7
				ε								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.0	.0	.0		.0	2.8	.0	• C	•0	.0	2.8
1-2	.0	.0	.0	.0	.0	.0	.0		•0	13.2	5.6	.0	.0	.0	18.8
3-4	.0	4.9	•0	.0	.0	.0	4.9		.0	.0	11.1	•0	.0	.0	11.1
5-6	.0	.0	.0	.0	.0	.0	•0		•0	•0	.0	•0	•0	.0	•0
7	.0	.0	•0	.0	.0	.0	.0		•0	.0	.0	.0	•0	.0	•0
8-9	.0	.0	•0	.0	.0	.0	.0		•0	•0	.0	.0	•0	.0	.0
10-11	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	0	•0	.0	•0
12	.0	.0	•0	.0	.0	.0	•0		•0	•0	.0	•0	•0	.0	•0
13-16	.0	.0	•0	.0	.0	.0	•0		•0	•0	.0	•0	•0	.0	•0
17-19	.0	.0	•0	.0	.0	•0	•0		•0	.0	•0	•0	•0	.0	•0
20-22	.0	.0	•0	.0	.0	۵ ء	•0		•0	•0	.0	•0	•0	.0	•0
23-25	•0	.0	•0	•0	.0	.0	• 0		•0	•0	.0	•0	•0	•0	•0
26-32	.0	.0	•0	.0	.0	•0	.0		•0	.0	.0	.0	•0	.0	.0
33-40	.0	.0	•0	•0	.0	•0	•0		•0	•0	.0	.0	•0	.0	.0
41-48	.0	.0	•0	.0	.0	•0	.0		.6	•0	.0	.0	•0	.0	•0
49-60	.0	.0	.0	.0	.0	.0	•0		•0	.0	.0	.0	•0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0		.0	•0	.0	.0	•0	.3	•0
71-86	.0	.0	.0	•0	.0	•0	•0		•0	.0	.0	.0	•0	.0	.0
87+	.0	.0	•0	•0	.0	.0	•0		.0	•0	.0	•0	•0	.0	•0
TOT PCT	.0	4.9	•0	.0	.0	•0	4.9		•0	16.0	16.7	.0	•0	.0	32.6

PERIOD	: (00	-ALL)	1943-	1870				1	NOVEMBER							
		4667	1703-	.,,,				TABLE	18 (CON	Ti			AREA	001Z	\$0UTHE:	AVAL TEA
				PC	T FREO	OF WIND	SPEED	(KTS)	AND DIR	ECTION	VERSUS	SEA HEIG	HTS (FT)			
нат	1-3	40	11-21	S 22-33	34-47	48+	PCT		1-3	4-10	11-21	SW	34-47	4.6.		
<1	2.8	.0	.0	.0	.0	.c	2.6		2.0	2.4		22-33	.0	46+	PCT	
1-2	.0	20.1	.0	.0	.0	.5	20.1			5.6		•0	•0	٠,٥	5.6	
3-4	.0	5.6	•0	.0	.0	.0	5.6		.0			:0	.0	.0	A.3	
5-0	۰.	.0	•C	.0	.0	•0	.0		.0	.0			•0	ö	.0	
.7	.0	٠.	•0	.0	.0	•0	.0		, 1			.0	•0			
8-9	.0	٠.0	•0	•0	.0	.0	.0		.0				.0	.ŏ	•0	
10-11	.0	•0	,0	•0	.0	.0	.0		.0	.0			.0		.0	
12	.0	.0	• ^	•0	.0	•0	.0		.0	.0			.0		.0	
13-16	.0	.0	•0	-0	• • 0	•0	.0		.0	.0		.0	ěŏ	.0	ě	
17-19	.0	.0	90	•0	.0	.0	.0		.0	.0		.0	.0		.ŏ	
20-22	.0	.0	•0	•0	•0	.0	.0		•0	•0	.0	.0	•0			
23 <b>-25</b> 26 <b>-3</b> 2	.0	•0	•0	•0	.0	•0	.0		• ?	.0		•0	•0	.0		
33-40	•0	.0	•0	-0	.0	•0	•0		•0	•0		• 0	•0	.5	.0	
41-48	.0	•0	•0	•6	•0	٠٥.	•0		.0	•0		•0	•0	.0	.0	
49-60	:0	.0	0.	•0	.0	•0	•0		.0	.0		.0	• 0	.0	.0	
61-70	.0	.0		•0	•0	•0	•0		•0	.0		.0	.0	.0	.0	
71-86	.0	.0	• 0	•0	•5	•0	.0		•0	•0	•••	•0	•0	.0	.0	
87+	.0	.0		•0	•0	•0	•0		• ^	•0		.0	•0	.0	.0	
TOT PCT	2.8	25.7	0.	.0	•0	•0	0			.0		.0	•0	.0	.0	
	•••		• (	•0	.0	٠.c	28.5		2.8	8.3	2.8	•0	•0	•0	13.9	
				4								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	•0	0	•0	•0	•0	•0	•C		•0	•0	•0	•0	•0	·c	.0	
1-2	.0	11.1	2.0	.0	.0	.0	13.9		.0	.0	.0	.0	.0		.0	
3-4 5-6	•0	•0	3.6	•0	.0	•0	5.6		.0	.0	.0	.0	• 0		•0	
	٠.	•0	•0	•0	• ^	•0	•0		• 0	.0	.0	.0	•0	.5	ě	
7 8 <b>-</b> 9	•0	•0	•0	•0	•0	•0	•0		•0	.0	.0	.0	• 0	.0	.0	
10-11	•0	.0	•0	•0	• • •	•0	•0		.0	•0	.0	•0	•0	.ò	.0	
12	.0		•0	•0	.0	•0	.0		.0	•0	.0	•с	•0	.0	.0	
13-16	.0	.0	•0	•0	•0	•0	•0		•0	.0	•0	-0	•0	.0	.0	
17-19	.0	.0		•0	•0	•0	• 0		•0	•0	•0	.0	• 0	.0	.0	
20-22	.0	.0	•0	.0	.0	•0	•0		•0	•0		.0	•0	.0	.0	
23-25	.0	.0			.0	•0	•0		.0	.0	.0	.0	•0	.0	.0	
26-32	.0	.0	•0	•0	.0	.0	•0		• ?	•0	.0	•c	•0	.0	.0	
33-40	. 5	.0	•0	.0	.0	•0	•0		•0	•0	•0	•0	•0	.0	.0	
41-48	·ŏ	.0	•0	.0	•0	•0	•0		•0	•0	.0	•0	•0	.0	.0	
49-60	.0	.0	•0		•0	••	•0		•0	•0	.0	.0	•0	.0	-0	
61-70	.0	.0	•0	•0	•0	•0	•0		• ?	.0	•0	.0	•0	•0	.0	
71-86		.ŏ	.0	.0	.0	•0	•0		•0	•0	•0	•0	•0	.0	.0	
87+	ě		.0	.0	.0	•0	•0		•0	•0	•0	•0	•0	•0	.0	
TOT PCT	.c	11.1	8.3	.0	.0	.0	0		•0	•0	•0	•0	•0	.0	.0	
		••••	3.5	• • •	•0	•0	19.4		.0	.0	.0	.0	•0	.0	.0	100.0

	CNIM	SPEED	(KTS)	VS SEA	<b>MEIGHT</b>	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	5.6	5.6	.с	.0	.0	.0	11.1	985
1-2	•0	50.0	11.1	ŏ	.ŏ	ě	61.1	
3-4	•0	11.1	16.7	.0		ő	27.8	
5-6	.0			ő	.0	.0		
7	.ŏ	.0					•0	
8-9				•0	•0	.0	.0	
10-11		•0	. C	•0	.0	٠,	•0	
	•0	•0	.0	•0	.0	.0	.0	
12	•0	•0	.0	•0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	•0	.0	.0	.0	.0	.ŏ	
20-22	•0	. 0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0		.0		.ö	
26-32	·ò	.0		ň	.0			
33-40	.0	.0	.č	ő		• • •	.0	
41-48	٠٥					.0	•0	
49-60		٠٥.	.0	.0	.0	.0	.0	
	.0	•0	-0	.0	.0	.0	.0	
61-70	•0	•0	.0	•0	.0	.0	.0	
71-86	•0	• 0	.0	.0	•0	.0	ŏ	
87+	.0	•0	.0	.0	.0	.0	.0	
				• •	• •	• •		74
TOT PCT	5.6	66.7	27.8	.0	.0	.0	100.0	36

PERIOD: (OVER-ALL) 1953-1970 12 13-16 17-19 20-22 23-25 26.

.0 .0 .0 .0 .0 .0

.0 .0 .0 .0 .0

.0 .0 .0 .0 .0

.0 .0 .0 .0 .0

.0 .0 .0 .0 .0

.1 .9 .0 .0 .0

.1 .9 .0 .0 .0

.0 .0 .0 .0 .0

.0 .0 .0 .0 .0

.0 .0 .0 .0 .0

.0 .0 .0 .0 .0

.0 .0 .0 .0 .0

.0 .0 .0 .0 .0

.0 .0 .0 .0 .0

.0 .0 .0 .0 .0

.0 .0 .0 .0 .0 1.9 .0 .0 .0 .0 .0 1-2 9.3 1.9 .0 .0 .0 3-4 14.8 7.4 3.7 1.9 .0 .0 1.9 16 29.6 5-6 9.3 5.6 11.1 .0 .0 5.6 20 37.0 8-9 .0 3.7 1.9 3.7 .0 HEAN HGT 3 5 5 41-48 49-60 61-70 71-86 .0 .0 .0 .0 .0 17 14 7 8 2 0 6 54 .0 000000000 000000000 000000000 000000000 ...... 000000000

DECEMBER PERIOD: (PRIMARY) 1869-1971 (OVER-ALL) 1854-1971 AREA 0012 SOUTHEAST JAVA 9.55 114.6E TABLE 1 PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION FDG WD PCPN PAST HR SNOW OTHER FRIM PCPN FOS #D PCPN SHOKE SPRAY HAZE BLWG DUST BLWG SHOW 55.6 67.7 52.1 83.5 81.3 71.1 73.9 82.9 .0 .0 .0 .0 .0 .0 5.3 22.2 22.2 19.4 29.2 2.5 8.0 4.4 4.3 0000000000 0000000000 .00000000 .......... 00000000000 00000000000 00000000000 20.9 10.5 8.0 24.4 21.7 5.7 .0 6.3 19.4 16.7 10.1 2.7 6.7 6.5 NE SE SH NH VA2 CALH 12.9 6.3 6.3 5.3 17.8 15.2 5.7

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TABLE 2

17-1

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

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75.2

OTHER WEATHER PHENOMENA PRECIPITATION TYPE SNOW OTHER FRIN PCPN FOG WO PCPN Past Hr SHOKE SPRAY HAZE BLWG DUST BLWG SNOW PCPN AT HAIL THOR HOUR (GHT) 82.2 84.8 64.1 69.6 .0 .0 15.4 21.7 2 · 2 • 0 • 0 6.7 6.1 15.4 4.3 •••• 3.0 TOT PCT .7 .7 75.7 6.4 7.0 8.6 -0 40 ٠. 15.7 .0 .7 .0

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

1.7 .0 .0 2.8 .0 3.7 8.3 4.3 2.0 3.4 3.7 16.7 3.2 4.4 3.8 13.6 10.4 12.8 9.3 8.7 9.9 14.6 19.1 21.0 15.4 16.1 .0 26.7 20.6 32.7 26.4 8.3 21.3 22.6 24.0 12.4 .0 6.4 4.0 7.7 .0 .0 .0 .0 .0 12.4 41.7 4.3 3.2 3.8 121 12 47 62 52 100.0 100.0 100.0 100.0 100.0 N NE E SE S W NM VAR CALM TOT DBS 3.8 5.0 5.6 6.7 10.0 12.5 13.6 1.7 3.1 4.4 11.2 12.7 22.8 27.2 9.2 .0 7.8 .0 .7 1.5 1.5 4.4 10.5 2.4 2.00 0000005600 000000000 1.9 1.9 4.8 13.5 1.0 24.0 31.7 13.5 .0 7.7 52 14.6 18.8 8.3 8.3 20.8 6.3 .0 8.3 1.9 1.9 5.6 13.0 21.3 43.5 10.2 .0 1.9 2.4 2.9 1.7 1.8 1.2 7.8 88 21.4 2.0 1.8 7.3 8.3 15.4 11.8 3.8 8R 21.4 15 .5 412 100.0 100.0

TABLE 3A

WIND SPEED (KNOTS) 7-16 17-27 28-40 HDUR 06 09 (GMT) 12 15 PCT FREQ WND DIR 1.5 2.9 4.2 9.0 18.4 31.6 23.2 5.7 .0 3.5 114 100.0 3.4 1.5 4.2 8.0 12.1 18.9 39.4 9.5 .0 3.0 66 1.7 3.1 4.4 11.2 12.7 22.8 27.2 9.2 .0 7.8 1.7 3.2 4.0 13.6 7.2 18.5 28.0 12.7 .0 11.0 173 3.1 3.9 12.3 18.2 22.9 18.6 5.1 .0 11.9 1.2 .00000 3.8 5.0 5.6 6.7 10.0 12.5 13.6 NE SE SW NW VAR CALM TOT PCT 1.5 2.6 3.2 6.5 7.3 6.9 6.3 3.8 7.8 189 45.9 .2 .5 1.2 4.2 4.9 12.3 13.8 .0 .0 .5 .5 3.2 5.8 , 1.2

DECEMBER

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GMT)

| HOUR CALM 1-3 4-10 11-21 22-33 34-47 48- MEAN FREQ 085 | 173 | 1869 | 1971 | 1869 | 1971 | 1869 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 | 1971 |

TABLE 5
TABLE 6

•	CT FRE			LOUD A		(E!GHTHS)							CEILIN					
PIC CNM	0-2	3-4	5-7	6 & 085CD	TF TAL	MEAN CLOUD COVER	000 149	150 290	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 79 <b>99</b>	8000+	NH <5/8 ANY HGT	
N	.0	2.2	6.0	•0		5.2	•0	•0	.0	.0	.0	.0	.0	•0	.0	.0	8.2	
٧E	2.2	2.2	4.3	•0		4.7	•0	• 0	.0	.0	.0	2.2	.0	•0	•0	,0	5.5	
£	1.6	6.5	4.3	3.8		5.1	1.6	.0	.0	.0	.0	.0	.0	•0	•0	- 10	14.7	
SE	2.7	2.7	8.7	. 5		5.0	.5	•0	.0	.0	.0	-0	.0	•0	•0	.0	14.1	
Š	.0	6.0	.0	•0		3.3	•0	•0	.0	.0	.0	.0	.0	•0	•0	.0	6.0	
Š»	.0	.5	7.1	•0		6.0	•0	•0	.0	•0	•0	4.3	.0	•0		.0	3.3	
	2.2	9.2	1.6	2.2		3.8	•0	•0	. 0	.0	2.2		.ŏ	•0		.0	13.0	
Nin	.0	1.1	2.7	•0		5.2	•0	•0	ŏ	.0		.0	ŏ	•0	.0	.0	3.8	
VAR	.0	.0	.0	•0		•0	•0	•0	ō		.0	.0	.0	• 0	.0	ŏ	.0	
CAL	6.5	2.2	6.5	4.3		4.5	•0	•0	ŏ	2.2	.0	.0		• 6	•0	٥٠	17.4	
TOT JBS	***	15	19	7.2	46	4.7	*,		·ŏ	•••	•••	• • •	• • •	• • •	• 6	• 0	40	46
TOT PCT	15.2	32.6	41.3	10.9	100.0	•••	2.2	•0	•0	2.ż	2.2	6.5	٥.	•0	•0	۰٥	87.0	100.0

TARLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NM 34/8) AND VSBY (NM)

				VSBY (NH	1)			
CETTING	= 7R	• OR	■ DR	• DR	# DR	● OR	# DR	- DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
■ PR >6500	.0	.0	.0	.0	.0	.0	.0	.0
<ul> <li>□ Ck &gt;5000</li> </ul>	.0	•0	.0	.0	.0	.0	.0	.0
■ DR >3500	.0	.0	.0	.0	.0	.0	.0	.0
= DR >2000	4.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
■ DR >1000	6.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2
■ DR >600	8.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
= CR >300	8.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
= DR >150	8.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
• DR > 0	8.2	12.2	12.2	12.2	12.2	14.3	14.3	14.3
TOTAL	4	6	6	6	6	7	7	7

TUTAL NUMBER OF OBS: 49 PCT FREQ NH <5/8: 85.7

TABLE 7A

PERCENTAGE FREQ OF COW CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 8 DBSCD OBS 3.0 18.2 42.4 18.2 7.6 .0 4.5 1.5 3.0 1.5 66

PECEMBER

PERIOD: (PRIMARY) 1869-1971 (UVER-ALL) 1854-1971

TABLE 6

AREA 0012 SOUTHEAST JAVA 9.55 114.6E

₹.J

	P	FRCENT	FREQ	OF WIN	D DIRE	CTION TH VAR	VS DECI	URRENCI ALUES I	E OR N	IBILI	CURRENC PV	E OF
		NE	E	SE	5	S۲	W	N#	VAR	CALM	PCT	TOTAL DES
PCP	.0	.0	.6	. 2	.0	• 0	.0	.0	.0	• 2	.8	
NO PCP	• 0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	
TOT \$	•0	•0	• 6	. 2	•0	•0	.0	.0	.0	•0	. 8	
PC#	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	•0	.0	.0	.0	•0	•0	.0	. 8	.0	.0	. 8	
TOT %	.0	.0	•0	.0	•0	•0	•0	. 8	.0	•0	.8	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	.0	.0	•0	•0	•0	•0	.0	.0	.0	.0	.0	
TOT \$	.0	.0	•0	•0	•0	•0	.0	•0	.0	•0	.0	
PCP	.0	.0	•0	.0	•0	. 4	.4	.0	.0	.0	.8	
NO PCP	.0	.0	.0	.0	. 8	.0	.0	.0	.0	.0	. 8	
TOT %	.0	.0	•0	•0	. 8	.4	.4	•0	.0			
PCP	.0	1.2	. 8	1.9		3.9	2.7	.4	.0	.8	12.4	
	.0	. 8			3.5	4.3	3,1	2.7	.0	.0	24.0	
TOT \$	.0	1.9	2.7	9.7	4.3	8 • 1	5.8	3.1	•0	.8	36.4	
PCP	.0	.8	. 6	.4	.4	•0		.0	.0	.0	3.1	
	3.5								.0	8.5	57.4	
TOT %	3.5	4.1	6.0	5.4	9.5	8.4	11.6	2.9	.0	8.5	60.5	
TOT 185												129
TOT PCT	3.5	6.0	9.3	15.3	14.5	17.4	17.8	6.8	.0	9.3	100.0	
	PCP NO PCP TOT %	PCP .0 ND PCP .0 1 ND PCP .0 1 ND PCP .0 1 ND PCP .0 1 ND PCP .0 N	PCP .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	PREC	PRECIPITAT  N NE E SE  PCP	PRECIPITATION MI  N NE E SE S  PCP	PRECIPITATION WITH VAR  N NE E SE S SV  PCP	PRECIPITATION WITH VARYING V.  N NE E SE S SW W  PCP	PRECIPITATION WITH VARYING VALUES 1  N NE E SE S SW W NW  PCP	PRECIPITATION WITH VARYING VALUES OF VIS  N NE E SE S SW W NW VAR  PCP	PRECIPITATION WITH VARVING VALUES OF VISIBILITY  N NE E SE S SW W NW VAR CALM  PCP	PCP

			1	PERCEN				ECTION S DF V			ED		
V58Y (NH)	SPD KTS	N	NE	E	SE	S	SW	4	NW	VAR	CALH	PCT	TOTAL DBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	٠.	.0	, 5	. 2	.0	.0	.0	.0	.0		•7	
	11-21	٠٥.	٠.٥	•0	.0	•0	•0	٠.	.0	•0		•0	
	22+	.0	.0	.0	.0	.0	.0	.0	•0	.0		•0	
	TOT \$	.0	.0	.5	.2	.0	.0	.0	•0	•0	•0	•7	
	0-3	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	
1/2<1	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	•••	.0	
	11-21	.0	.0	.0	.ŏ	ě	.ŏ	.0	.7			.7	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT #	.0	.0	•0	.0	.0	.0	.0	.7	.0	.0	.7	
	0-3	.0	.4	.4	.0	.0	.0	.0	.0	.0	.0	.7	
1<2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	•0	.0	.0	.0	.0	.0	.0	.0		ã	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	•0	• 4	.4	.0	.0	.0	.0	.0	.0	•0	.7	
	0-3	.0	•0	.7	.0	.0	.0	.0	.0	.0	.0	.7	
2<5	4-10	.0	.0	.0	.0	.7	.4	.4	.0	.0		1.4	
	11-21	•0	•0	•0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	•0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	•0	•0	.7	.0	•7	.4	.4	.0	•0	•0	2.2	
	0-3	.0	.0	1.1	1.1	.0	1.4	.7	.0	.0	.7	5.0	
5<10	4-10	•0	1.4	1.4	7.Z	3.2	4.7	2.5	2.9	.0		23.7	
	11-21	.0	•0	•0	.7	.7	.7	.7	.0	.0		2.9	
	22+	•0	0	.0	0	.0	.7	1.4	.0	•0		2.2	
	TOT %	•0	1.0	2.5	9.0	4.0	7.6	5.4	2.9	.0	.7	33,8	
	0-3	.7	.7	2.7	2.0	2.5	.7	.0	.7	.0	7.9	18.0	
10+	4-10	2.5	3.1	.7	3.6	6.1	8.5	6.3	1.6	.0		32.4	
	11-21	•0	•0	2.2	•2	1.6	1.6	4.1	.4	.0		10.1	
	22+	.0	.0	.0	.0	•0	.0	1.4	.0	.0		1.4	
	TOT \$	3.2	3.0	5.6	5.8	10.3	10.5	11.0	2.7	.0	7.9	61.9	
	OT PCT	3.2	5.9	9.7	14.9	14.9	18.7	17.6	6.3	.0	8.6	100.0	139

-		•			•		
77	ĸ	C	z	п	8	E	•

PERIOD:	(PRIMARY)	1869-1971
	(OVER-ALL)	1854-1971

TABLE 10

AREA 0012 SDUTHEAST JAVA 9.55 114.6F

# PERCENT FREQUENCY OF CHICING HEIGHTS (FEET, NH >4/8) AND

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1 <b>999</b>	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00603	.0	•0	.0	5.3	•0	5.3	.0	•0	.0	•0	10.5	89.5	19
90360	.0	•0	.0	•0	•0	-0	.0	•0	.0	•0	.0	100.0	21
12415	7.1	.0	.0	•0	14.3	7.1	.0	•0	.0	•0	28.6	71+4	14
18821	.0	.0	.0	•0	.0	8.3	.0	.0	.0	•0	8.3	91.7	12
TOT PCT	1.5	.0	.0	1.5	3.0	4,5	.0	.0	.0	.0	10.6	59 89.4	100.0

TABLE 11

TABLE 12

		PERCENT	FREQUEN	ICY V\$81	r (NM)	8Y HOUR		CUMULAT					YSBY (NH) }/BY HOUR	
HOUR (GHT)	<1/2	1/2<1	142	2<5	5<10	10+	TOTAL DBS	HDUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00403	.0	4.3	.0	2.2	34.8	58.7	46	00203	•0	•0	7.7	7.7	84.6	13
06609	.0	.0	.0	.0	25.7	74.3	35	90360	•0	•0	.0	•0	100.0	17
12615	2.4	.0	7,4	4.8	40.5	50.0	42	12415	10.0	10.0	10.0	30.0	60.0	10
18621	•0	.0	.0	.0	25.9	74.1	27	18621	•0	•0	.0	11.1	88:9	9
TOT PCT	.7	1.3	.7	2.0	49 32.7	94 62.7	100.0	TOT PCT	2.0	2.0	4,1	10.2	85.7	100.0

TABLE 13

TABLE 14

14951										7.20											
PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FREQ	N	NE	E	SE	5	SW	W	NW	VAR	CALM	
85/89 80/84 75/79 TOTAL PCT	••	•0	.0		3.3	12.0 35.9 1.1	27.2 6.5 32	6.5 4.3	11	15.2 72.8 12.0 100.0	1.9 1.1	6.5 0	7.3 1.6	5.4 10.3 1.6	1.1 12.8 1.1	2.2 7.9 3.3	2.7 13.3 2.2	1.6 5.2 1.1	•0	2.2 7.6 .0	
PCT	•0	-	•0	٠ŏ				10.9			3.0	6.5	9.0	17.4	14.9	13.3	18.2	7.9	•0	9.8	

TAPLE 15

	HEANS,	EXTREMI	S AND	PERCEN	TILES	OF TE	MP (DE	G F) 8	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YT161PU	SY HOUR	
HOUR (GMT)	MAX	99%	95%	50%	54	14	MIN	MEAN	TOTAL DBS	HOUR (GMT)	0-29	30-59	60-69	70-79	\$0-89	90-100	HEAN	TOTAL DBS
£0300	94 92	93 91	91 87 86	84 84 82	79 78 79	77 76 78	77 76 78	84.4 83.7 82.4	174 58 108	00£03 06£09 12£15	•0	•0	16.2 7.7 4.3	40.5 73.1 30.4	32.4 19.2 47.8	10.8 .0 17.4	78 75 82	37 26 23
12615 18621 TOT	89 94	86 88 93	84 89	82 83	78 79	75 77	75 75	81.4 83.3	63 403	10621	•0	• 0	6.3	37.5 47	43.8	12.5	80 79	16

DECEMBER

PERIOD: (PRIMARY) 1869-1971 (OVER-ALL) 1854-1971

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TABLE 17

AREA 0012 SDUTHEAST JAVA 9,55 114.6E

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J

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FD6 (WITHOUT PRECIPITATION: VS AIR-SEA TEMPERATURE DIFFERENCE (SEG F)

AIR-SEA	77 80	81 84	85 88	TOT	FOG	H0 F06
6	.0	•0	.9	1 2	.0	. 9
4	.0	.9	, 9	2	.0	1.9
3	.0	.9	.0	1	.c	.9
5	.0	2.8	2,8	1	. 9	4.7
2 1		7,9	6.5	Ĭ	.0	7.5
	ŏ	17.8	5.6	25	.9	22.4
Ÿ						
-1	.0	14.0	2.8	18	.0	16.8
-2	.0	15.9	.0	17	.0	15.9
0 -1 -2 -3	2.8	9.3	.0	13	.0	12.1
-4 -5	2.8	7.5	ò	11	.0	10.3
- 6	1.9	, 9	Ö	3	·ò	2.8
-6	.9	.5	٠,٥	2	.0	1.9
TOTAL	9		21		2	105
		77		107		3
nc T		72' A	10 4	100.0	١ ۵	

PERIOD: (OVER-ALL) 1963-1971

				PC	T FRED (	OF WIND	SPEED	(KTS) AND	DIREC	TION V	ERSUS \$	EA HEIG	HTS (FT)	)	
				N						4-10		NE	24-43	40.	
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1 1-2	•0	3.0	•0	•0	• 0	•0	3.0		•0	9.1	.0	•0	•0	.0	•0 9•1
3-4	٠.	2.3	•0	.0	.0	•0	.0		.0	.0	.0	•0	.0	.0	7.0
5-6	.0	.0	•0	.0	.0	.0	.c		٠.	.0	:0	.0	.0	:ŏ	ě
7	:0	.0	•0	.0	.0		ŏ		ò	.0	:0	.0	.0	:ŏ	.0
8-9	.0	·ŏ	•0	.0	.ŏ	.0			ŏ	ŏ		.0	.0	ŏ	.0
10-11	ŏ	.0	•0	.0	.0	.0	.0		.0	.0	.ŏ	.0	.0	.0	•0
12	٠٥	ě	•0	.ŏ	.0		ě		ŏ	.0	ě	.0	.0	·ö	
13-16	č		•0	ŏ	.0		ŏ		.0	Ü		•0	.0		•0
17-19	ŏ		.0		ŏ		.0		.0	.0		.0	.0	.ŏ	.0
20-22	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	. 0		.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	•0	.0		.0	.0	.0	.0	.0	.0	•0
33-40	٥٠	.0	•0	.0	.0	.0	.0		.0	.0	.0	•0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0		.0	۰0	.0	.0	.0	.0	•0
49-00	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	•0
61-70	.0	.0	•0	.0	•0	.0	.0		.0	.0	.0	•0	•0	•0	•0
71-86	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	•0
87+	.0	.0	•0	.0	.0	•0	.0		.0	•0	.0	•0	•0	٠.	•0
TOT PCT	.0	5.3	•0	.0	•0	.0	5.3		•0	9.1	.0	.0	•0	•0	9.1
				E								SE			
HGT	1-3	4-10	11-21	42-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	6.1	.0	.0	.0	•0		6.1		.0	0.1	.0	.0		•0	6.1
1-2	2.3	.ŏ	3.0	.ŏ	, ń	.0	5.3			9, 1			.0		9,8
3-4	.0	.0	6.1	•0	.0	.0	6.1		.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	•0	•0	.0	.0	.0		.0	.0	.0	•0	.0	.0	.0
7	.0	.0	.0	•0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
6-9	.0	.0	.0	•0	.0	.0	.0		•0	•0	.0	.0	•0	.0	•0
10-11	.0	.0	•0	.0	•0	.0	•0		.0	.0	.0	.0	•0	•0	.0
12	.0	.0	.0	•0	.0	.0	•0		.0	•0	•0	.0	•0	•0	.0
13-16	.0	.0	•0	•0	•0	.0	•0		•0	•0	•0	.0	•0	.0	.0
17-19	.0	.0	.0	•0	•0	•0	•0		•0	•0	•0	.0	•0	•0	.0
20-22	.0	.0	•0	.0	.0	.0	•0		•0	•0	•0	•0	•0	.0	.0
23-25	•0	.0	.0	•0	•0	.0	•0		•0	•0	•0	•0	•0	.0	.0
26-32	٠,	٠.	•0	•0	.0	.0	•0		•0	•0	•0	•0	•0	•0	.0
33-40	.0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	.0	.0
41-48	•0	•0	•0	•0	.0	.0	•0		•0	•0	•0	•0	•0	•0	,0
49-60	.0	.0	.0	.0	.0	•0	•0		.0	•0	.0	.0	•0	•0	•0
61-70	•0	.0	•0	-0	.0	.0	•0		•0	•0	•0	•0	•0	•0	• 2
71-86	•0	•0	.0	•0	.0	.0	.0		•0	•0	•0	•0	•0	•0	•0
87+	.0	٠.	•0	•0	•0	.0	0		•0	0	•0	•0	•0	•0	
TOT PCT	1.3	•0	9.1	•0	•0	•0	17.4		. 8	15.2	•0	•0	•0	•0	15.7

									DECEMBE	R				4954	0012 \$	ALIQUE A	- 1444
PERIODI	(DAF)	1-47()	1403-1	₩/1				TABLE	18 (00	NT)				AVEN		S 114	
				P¢	T FREO	OF WIND	SPEED	(KTS)	AND DE	RECTIO	N V	ERSUS S	EA HEIG	HTS (FT)	)		
нат	1-3	4-10	11-21	S 22-33	34-47	48+	PCT		1-	3 4-	10	11-21	Sw 22-33	34-47	46+	2CT	
401	3.0	3.0	.0	.0	.0	7.0	6.1				.0		.0	.0		6.0	
1-2			3.0		.0	.0	3.0				.0	ě	.0	.0	.0	.0	
3-4	.o	.0	0	.0	.0	.0	.0					.0	.0	.0	.0	3.8	
5-6	.0	.0	.0	.0	.0	•0	.0			0	.0	.0	•0	•0	•0	,0	
7	.0	.0	.0	.0	.0	-0	.0				٠0	.0	.0	•0	.0	•0	
1-7	.0	.0	.0	•0	.0	•0	۰,0				•0	.0	•0	•0	.0	•0	
10-11	.0	.0	•0	.0	.0	•0	•0				۰۰	.0	•0	•0	.0	.0	
12	.0	•0	•0	.0	.0	•0	•0				•0	.0	•0	•0	•0	•0	
13-16	.0	•0	•0	•0	•0	•0	•0				٠٥	•0	•0	•0	.0	.0	
17-19	۰.0	.0	•6	•0	.0	.0	.0				:0	.0	.0	•0	.0	.0	
20-22 23-25	.0	.0	3.	•0	.0	.0	.0					.0	.0	.0	.0		
26-32		.0	ő	.0	.0	.0	ö			Ö				.0	.0		
33-4C		.ŏ	.0		ň		ŏ						.0	••	.0		
41-48			.0	.0	ő						ö			•0	.0	.0	
49-00			ò	.0	.0	.0	.0			ō	.0	.0	.0	•0	.0	.0	
61-70	.0	.ŏ	.0	.0	.0	.0	.0			ō	.0	.0	.0	.0	.0	.0	
71-86	.o	.0		•0	.0	•0	.0			0	.0	.0	.0	•0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0			0	.0	.0	.0	•0	.0	.0	
TOT PCT	3.0	3.0	3.0	•0	•0	.0	9,1		•	,0 3		.0	•0	•0	•0	3.8	
				<b>u</b>									NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		10	.3 4.	10	11-21	22-33	34-47	48+	PCT	PCT
<1	.0	.0	•0	.0	.0	•0	.0			,0	•0	.0	•0	•0	.0	.0	
1-2	.0	6.1	6.1	.0	.0	-0	12.1				٠.	.0	•0	•0	.0	3.6	
3-4	.0	2.3	.0	.0	.0	-0	2.3			,0	•0	.0	•0	•0	•0	•0	
5-6	•0	•0	•0	•0	.0	.0	.0			,0	•0	.0	.0	•0	•0	•6	
7_	.0	.0	•0	•0	.0	.0	•0			,0	٠,	.0	•0	•0	•0	.0	
8-9	•0	.0	•0	•0	.0	•0	.0			,0	•0	•0	•0	•0	.0	•0	
10-11 12	.0	.0	.0	•0	.0	.0	•0			0	:0	.0	•0	•	:0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0			ő	ŏ		.0	.0	.ŏ	ŏ	
17-19	.0	ö	.0	.0	ŏ		.0			ŏ	ŏ		.0	•0			
20-22		.č	•0	.0			.ŏ			o	ü			•0	.ŏ	.0	
23-25	.0	.5	. 0	.0	.0	•0				ò	.0		.0	•0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0			0	.0		.0	.0	.0	.0	
33-40	.0	.o	.0	.0	.0	.0	.o			0	.0		.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0			0	.0		.0	•0	•0	.0	
49-00	.0	.0	.0	.0	.0		.0			.0	.0		•0	•9	•0	0	
61-70	.0	.0	.0	•0	.0	•0	.0			.0	•0		•0	•0	.0	• • 0	
71-86	•0	.0	•0	•0	.0	•0	.0			.0	.0		•0	•0	•0	.0	
87+	•0	.0	.0	•0	.0	•0	0			٠.	۰٥		•0	•0	•0	.0	•
TOT PCT	.0	8.3	6.1	•0	•0	•0	14.4			,0 1		.0	•0	•0	.0	3.5	78.8

THE TOTAL PROPERTY OF THE PROP

	MIND	SPEED	(KT\$)	YS SEA	HEIGHT	(FT)		
нвт	0-3	4-10	11-21	22-33	34-47	48+	₽CT	TOT DBS
<b>&lt;</b> 1	34.3	11.4	.0	.0	.0	.0	45.7	083
1-2	2.9	28.0	11.4	.0	.0	.0	42.9	
3-4	•0	5.7	5.7	.0	.0	.0	11.4	
5-6	.0	.0	.0	.0	.0	.0	.0	
7	.0		.0	ō	.0		ŏ	
8-9		.,		ō	.0		.ŏ	
10-11	.0			ŏ	.0		.6	
12	.ŏ		.0			.ŏ	ĕ	
		•0					:ö	
13-16	•0	•0	.0	•0				
17-19	•0	•0	.0				•0	
20-22	•0	.0	.0				.0	
73-25	•0	•0	.0	.0			.0	
76-32	.0	•0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0				.0	
49-40	.0	.0	.0				.0	
61-70	.5		.ŏ				iò	
71-86	.0	.0					.õ	
874	.0	ě						
274	•0	• •	••	••	•••	••		35
TOT PCT	37.1	45.7	17.1	.0	•0	.0	100.0	3.

PERIOD: (OVER-ALL) 1949-1971 PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) PERIOD (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT <1 1-2
4.: 16.3
.0 4.1
.0 2.0
.0 2.0
.0 .0
.0 .0
.7 12
14.3 24.5</pre> 8-9 10-11 .0 .0 .0 .0 .0 .0 2.0 .0 .0 .0 .0 .0 .1 0 2.6 .0 49-60 61-70 71-86

.0 .0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0 87+ TDTAL .0 22 .0 8 .0 5 .0 5 .0 0 .0 0 HEAN HGT 2 4 4 5 3-4 22.4 8.2 4.1 4.1 .0 .0 2.0 20 40.9 5-6 2.0 2.0 10.2 .0 .0 .0 2.0 ....... ...... 000000000 ....... . . . . . . . . . . 0000000000 .0000000000 ........

TABLE 1

AREA 0012 SQUTHEAST JAVA 9.08 114.3E

PERCENT PREQUENCY OF MEATHER OCCURRENCE BY WIND DIRECT	FRCENT PREQUENCY :	F MEATHER	OCCURRENCE BY	WIND D	IRECTION
--	--------------------	-----------	---------------	--------	----------

			,	RECIPI	TATIO	N TYPE					STHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	RAIN CHUR	DRZL	FRZG PCPN	SNDW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HDUR	THOR LTNG	FOG WO PCPN	FOG MO PCPN PAST HR	SHOKE HAZE	SPRAY BLMG DUST BLMG SNOW	NO Sig Wea
N NF E SF S H W VAR CALM	9.8 5.9 4.8 1.0 4.0 3.5 4.1 .0 2.6	1.4 6.6 2.9 3.0 3.1 2.7 3.3 1.1	.0	••••••••	000000000000000000000000000000000000000		.0	3.7 16.4 8.8 8.3 4.1 6.7 6.8 5.2	.4 .6 1.4 1.3 .2 1.8	8.5 8.3 10.6 3.2 3.8 1.2 1.4 1.7	.2 1.0 2.6 2.4 2.3 .9 .5 1.0	•0	1.9 8.1 1.2 1.4 3.4 .9 .3 6.9	.0 .0 .0 .0 .0	60.8 70.1 76.8 85.2 85.4 90.2 73.0 69.7
TOT PCT TOT CBS:	3.5 1863	3.1	-1	•0	.0	.0	-1	6.8	1.2	3.4	2.1	•0	1.9	•0	85.7

TARLE 2

BEBREUT	COFOURNEY	DE WEATHER	SCCURRENCE	BY HOLD

				RECIPI	TATED	4 TVDE					DTHES	WEATHER	PHEND	MENA	
HOUR (GHT)	RAIN	PAIN CHUR	PRZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCT: AT OB TIME	PCPN PAST HBUR	THOR LTNG	FOG NO PCPN	FOG WO PCPN PAST HR	SHOKE	-	ND S1G WEA
00603 06609 12615 18621	2.6 2.1 4.5 4.9	4.1 2.8 2.9 1.9	.0 .5 .0	.0	.0	.0	.0 .0 .2	6.7 5.4 7.6 7.3	1.4 1.8 .5	.8 .7 5.0 9.2	3.2 2.2 1.3 1.6	.0	3.6 1.3 1.5	•0	84.8 88.8 85.7 82.7
TOT PCT	3.5 1972	3.1	.2	.0	•0	.0	•1	6.5	1.1	3.0	2.2	•0	1.9	•0	85.5

TARLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		w11	ND SPE	EC (KN	1270								HOUR	(GMT)			
WND DIR	0-3				34-47	48+	TOTAL	PCT FREG	SPD	00	03	06	09	12	15	18	21
N NE	1.0	1.0	.2	:	•0	.0		1.9	5.5	2.0	2.2	2.5	2.6	1.8	1.4	3.6	2.2
E SE	1.6	11.2	7.8	.7	.1	.0		21.3	8.7	22.8	22.7	23.4	20.9	18.7	20.3	22.7	21.2
\$	2.4	17.2 8.0	2.2	.5	:	•0		30.9	7.2	28.4 10.8	30.2		34.0	14.2	30.5		
*	1.4	5.7 5.7	1.9	.9	.1	•0		9.2	7.5	7.7 12.9	7.2 11.8	4.7 14.4	10.3	10.6	10.2	12.2	12.2
Nw VAR	.8	2.4				•0		4.6	7.0	6.8	4.8	3.3	3.0	3.3	4.6	4.9	5.8
CALM TLT CBS	4.5			• • •		• • •	7404	4.5	8.9	1087	5.6 1564		2.7 954	3.1 1301	5.1 966	3.6 238	
TOT BCT	16.7	52.2	27 6	2 4			. 404	100 0	,			100.0					

TARLE 3A

NND OIR	0-6	#IND 7-16	SPEED 17-27	(KNGTS) 28-40	41+	TOTAL DBS	PCT FREQ	MEAN SPD	00	HDU1 06 09	(GTT) 12 15	18 21
N	1.3	.6		.0	.0		1.9	5.5	2.2	1.2	1.6	2.3
NE	2.1	1.2	•	•	.0		3.4	6.2	4.4	2.8	2.9	2.8
# -	6.3	12.0	2.7	.2	.0		21.3	8.7	22.8	21.4	19.4	21.5
SE	9.1	18.4	3.2	ī	.0		30.9	1.1	29.4	33.7	33.0	27.9
\$	6.2	5.6		"	.0		12.4	7.2	11.1	13.8	13.8	11.0
Šh				-			9,2	7.5	7.4	7.3	10.4	11.0
	4.2	4.2	. 8	•1								
	3.8	5.5	2.1	.3	- 1		11.8	8.0	12.1	11.7	11.2	
Nw	2.1	1.0	. 4	.2	-1		4.6	7.0	5,5	3.0	3.7	5.5
VAR	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	4.5	- •		•-			4.5	.0	5.2	3.3	3.9	5.0
TOT DAS						7404	•••	4.7	2651	1167	2267	:319
TOT SET	39.7	49.4	9.9	.9	.2		100.0	•••		100.0		

ANNUAL

.

100.0

.4

PERIOD: (PRIMARY) 1864-1973 (OVER-ALL) 1854-1973 AREA ODIZ SOUTHEAST JAVA 9.05 114.3E TABLE 4 PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT) WIND SPEED (KNMTS) 4-10 11-21 22-33 34-47 ## PEAN FREQ HOUR CALM 1-3 50.3 55.1 55.2 53.6 27.2 31.7 27.4 26.9 .0 .7 .1 .3 18621 TOT PCT

2.8

4.5 11.2

53.2

27.9

TAPLE 5 TABLE 6 PCT FRED OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION PEPCENTAGE FREQUENCY OF CEILING HEIGHTS (FT,NM >4/8)
AND OCCURRENCE OF NH <5/8 BY MIND DIRECTION HEAN CLOUD COVER 5-7 8 & TOTAL MBSCD MBS 1000 2000 1999 3499 3500 5000 6500 8000+ NH €5/8 TUTAL 4999 6499 7999 ANY HGT DBS WND DIR 0-2 3-4 1.6 2.3 19.0 27.8 10.4 4.5 8.8 3.2 3.6 3.8 3.8 3.1 3.2 2.9 .0.0.0.0 .0 .0 .0 .2 .0 .0 .0 .1 .7 .5 .0 .8 .2 .0 .3 2.1 .4 .2 2.3 .9 .3 .4 .6 .9 .1 .5 1.0 .2 .0 .9 .7 .3 .1 .2 .1 .0 .0 .0 .1 .1 .0 .0 .0 0000000000 .0.0.0.0 .0.0000000 773 100.0 •2 .5 •1 .0 81.0 3.2 7.8 4.0 2.5

> TARLE 7 CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/0) AND VSBY (NH)

				VSBY (NE	1)			
CEILING	• DR	= OR	e GR	• OR	• DA	<b>- 28</b>	• CR	• OR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	.1	•1	.1	.1	:1	-1	.1	.1
■ DR >5000	.1 .5	:17	•1	.7	.7	.7	.7	:7
■ DR >3500	2.7	3.2	3.2	3.2	3.2	3.2	3.2	3,2
■ DR >2000	5.4	6.7	7.0	7.0	7.2	7.2	7.2	7.2
<ul> <li>OR &gt;1000</li> </ul>	11.6	14.4	15.0	15.0	15.1	15.1	15.1	15.1
■ OR >600	13.9	17.4	18.2	18.2	10.3	18.3	18.3	18.3
■ DK >300	14.2	17.7	18.6	18.7	18.8	18.8	18.6	10.0
* OR >150	14.2	17.7	18.6	18.6	18.9	18.9	18.9	18.9
■ TR > 0	14.2	17.7	18.6	18.6	18.9	19.1	19.1	19.1

TOTAL NUMBER OF OBS: 796 PCT FREQ NH <5/81

TABLE 74

PERCENTAGE FREQ OF CON CLOUDS (EIGHTHS)

BUBSED DBS 5 6 7 1 2 3 8.3 17.7 28.0 17.8 9.3 5.2 5.5 2.4 5.7

ANNUAL PERIOD: (PRIMARY) 1864-1973 (OVER-ALL) 1854-1973 AREA 0012 SDUTHEAST JAVA 9.05 114.3E VSBV (MM) •• .0 •• .1 .0 •0 PCP <1/2 NO PCP TOT % .0 .0 .0 .1 .1 .1 .1 .2 .1 .3 .3 .00.00 PCP 1/2<1 NO PCP TOT % .0 .1 .1 .0 PCP ND PCP TOT % .0 .0 .2 .2 .2 .3 .... 1<2 PCP NO PCP TOT % 2<5 .9 .8 5.7 10.0 6.6 10.8 1.0 3.3 4.3 5<10 PCP NO PCP TOT %

4.1 20.1 32.5 12.9

\*\*\*\*

TABLE 9

2.9 100.0

				PERCEN	T FREQ WITH V	OF WIP	O DIR Value	ECTION \$ OF VI	VS W1	ND SPE	ED		
VSBY (NH)	SPD KTS	N	NE	£	SE	\$	SW	W	NW	VAR	CALM	₽cT	TOTAL DBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-
<1/2	4-10	.0	.0	*		.0	.0	.0	.0	.0		.1	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	•0	.0	•	•	.0	.0	.0	•0	.0	•0	.1	
	0-3	.0	.0	•0	.0	•0		•	.0	.0		.1	
1/2<1	4-10	-1	.0	• 1	.2		.0	•1	.0	.0		.4	
	11-21	.0		•0		•	.0	•0	.1	.0		. 2	
	22+	.0	.0	.0	.0	.0		•	.0	.0			
	TOT \$	-1	•	•1	.2	•1	.1	•1	.1	.0	•	•7	
	0-3		-1		.0	•	•	.0	•	.0	.1	.3	
1<2	4-10		• 1	•2	, 3	•2	-1	• 1	-1	.0		1.1	
	11-21	.0	•	• 1		• 1	.0	.0		.0		.3	
	22+	.0	•0	•0	•	•0	.0	•0	.0	•0		. •	
	TOT %	•1	.3	• 4	.4	.3	-1	-1	.2	.0	•1	1.7	
	0-3		.1	•2	•		.1	•	.0	.0	-1	.5	
2<5	4-10	•0	.2	.3	.1	•2	- 1	• 1		•0		1.0	
	11-21	•	•0	• 1		•0	.0	•1	•	•0		.2	
	22+	.0	.0	• 0	.0	•0		• 1	.0	.0		. 1	
	TOT %	-1	.2	.5	.1	.3	.2	.3	•	.0	•1	1.7	
	0-3	. 1	.3	-6	.5	•7	.4	• 2	. ?	.0	.6	3,6	
5<10	4-10	.4		2.9	4.2	1.9	2.0	1.7	.9	•0		14.6	
	11-21	• 2	• 1	1.1	2.7	.5	.3	1.0	.7	.0		6,5	
	22+	.0	.0	• 1	3	.0	.1	.4	.1	•0		1.0	
	TOT \$	.6	1.2	4.6	7.7	3.0	2.8	3.2	1.9	•0	• •	25,7	
	0-3	.6	.7	1.3	2.3	1.4	.6	. • 7	.6	.0	3.9	12.0	
10+	4-10	1.4	1.5	9.1	13.9	5.9	3.1	4.5	1.6	.0		41.3	
	11-21	.3	•1	4.2	7.3	1.2	.9	1.0	.4	•0		16,1	
	22+	•	.0	• 2	1	. 1	.0		•	.0		•?	
	TOT \$	2.2	2.3	14.7	23.6	1.6	4.6	7.2	2.9	.0	3.9	70.1	
	TOT DAS												2842
	TOT PCT	3.1	4.1	20.3	32.0	12.2	7.8	10.9	5.1	.0	4.7	100.0	

	11	

PERIOD:	(PRIMARY)	1864-1973
	(DVER-ALL)	1854-1973

TABLE 10

AREA 0012 SDUTHEAST JAVA 9.05 114.3E

# PERCENT FREQUENCY OF CFILING HEIGHTS (FEET,NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

TOTAL OBS	NH <5/8 ANY HGT	TOTAL	8000+	6500 7999	5000 6499	3500 4999	2006 3499	1000 1999	999	300 599	150 299	000 149	HOUR (GHT)
216	78.8	21.2	•0	.0	.0	3.8	3.4	8.2	4.7	1.0	.0	.0	60300
216	45.1	14.9	•0	.0	.5	.6	3.8	6.3	3.6	.0	.0	.0	90360
193	80.7	19.3	•0	.4	.6	1.8	3.7	9.7	2.4	•0	•0	.6	12615
232	83.3	16.7	•0	.0		3.4	3.9	5.8	1.8	•6	.4	.c	18621
857	42.1	17.6			. 4	2.4	2.7	7 5	3.0	. 4	. 1	,	TOT

TABLE 11

TABLE 12

		PERCENT	FRFQL EN	ICY VSBY	(NM)	BY HOUR		CUMULAT					VSBY (NH) RUCH YBeef	
HOUR (GPT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HDUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00603	.0	1.5	2.2	1.0	28.9	65.6	877	00603	•0	1.1	7.6	15.7	76.8	203
90360	.0	.5	1.1	.9	22.7	75.0	532	90360	•0	•0	4,6	11.5	84.0	197
12615	•2	.4	2,4	2.4	29.7	64.9	914	12615	.8	. 8	4.0	17.5	78.5	152
18621	.0	.7	.8	1.3	22.4	74.8	629	18621	•0	2.4	6.0	13.1	80.9	214
TOT PCT	•1	. 8	1.7	1.6	26.5	69.2	2952 100.0	TOT PCT	•2	1.0	5.3	14.4	80.3	796 100.0

TARLE 13

TABLE 14

						•									1445					
	PERC	ENT FR	EQUENC	Y UF R	ELATIV	E HUMI	DITY B	Y TEMP	TOTAL	PET		PERC	ENT FR	EQUENC	Y OF W	IND DI	RECTIO	4 8Y T	EMP	
TEMP F	0-29	30-39	40-49	50-59	40-69	70-79	80-89	90-100	085	FREQ	N	NE	E	SE	S	SW	w	NW	VAR	CALM
90/94	.0	.0	.0	•0	.4	.1	.0	.0		.5	•0	.0	.2	.1	.0	.0	.1	.1	.0	.0
85/89	.0	.0	.0	-1	1.6	5.3	2.4	.3		7.8	. 4	.3	1.8	2.2	2.2	.0	1.7	:7	:0	. 6
80/84	.0			. ?		23.0	31.1	5.4		62.8	1.9	2.3	13.3	18.4	7.0	5.0	1.1	4.1	.0	2.0
85/89 80/84 75/79				• 1		7.2		5.7		26.5	- 3		5.5	12.7	3.2	. 9	1.6	1.0	.0	7.4
70/74 TOTAL	.0			•0			.2	.3		.5	.0	.0	.1	1	•1	•	7.1		.0	.o
PCT	.0	.0	.0	. 5	5.0	35.6	46.3	11.8	1303	190.0	2.6	3.4	20.9	33.5	11.5	6.9	12.3	<b>6.1</b>	.7	2.9

TARLE 15

	MEANS,	EXTREM	FS AND	PERCEN	ITILFS	OF TE	19 (DE	G F) (	BY HOUR		PERC	ENT FRE	GUENCY	OF RELA	TIVE H	YTICINU	84 HBN	R
HOUR (GMT) 00603 06609 12615 18621	94 93 93 93	99% 88 89 86	95% 87 87 84	50% 82 83 81 80	5% 78 79 77 77	1% 76 75 76 75	41N 72 72 72 73	MEAN 82.4 82.8 81.1 80.0	TOTAL 085 2615 1145 2210 1313	HOUR (GMT) 00603 00609 12615 18621	.0	30-59 .3 1.5	5.3 14.6 3.7 2.9	70-79 38.5 45.5 30.7 27.9	45.0 33.6 52.2	90-100 10.9 4.7 13.4	#EAN #1 77 #2	TOTAL OBS 456 245 369 332
TOT	94	ii	86	81	78	76	72	81.6	7283	TOT	•0	*	10	516	51.2 673	17.6	61	1462

ANNUAL

PERIOD: (PRIMARY) 1864-1973 (OVER-ALL) 1854-1973

PCT FREQ OF AIR

PCT

TABLE 17

.1 4.4 30.6 52.4 11.1 1.3 .1

AREA 0012 SOUTHEAST JAVA 9.08 114.3F

100.0 2.4 97.6

7 THP 01F 72  9/10 .0  7/8 .0  6 .0  5 .0  4 .0  3 .0  2 .0  1 .0  0 .0  -1 .0  -2 .0  -3 .0  -4 .0	76 .0 .0 .0 .0 .0	.0 .0 .1 .4 .3	.0 .2 .2 .4 1.1 2.4	.1 .3 .2 .7 .9 1.5	92	.1	3 14 9 24 37 60	.0 .0 .0 .0	FOG .2 .9 .7 1.6 2.5
7/8 .0 6 .0 5 .0 4 .0 3 .0 2 .0 1 .0 0 .0 -1 .0 -2 .0	.0	.0	1.1 2.4 5.3	.3 .2 .7 .9	.4	.0	14 9 24 37 60	.0 .0 .0	.9 .7 1.6 2.5
6 .0 5 .0 4 .0 3 .0 2 .0 1 .0 -1 .0 -2 .0	.0	.0	1.1 2.4 5.3	.2 .7 .9 1.5	.3	.0 .0 .0	24 37 60	.0 .0	.7 1.6 2.5
5 .0 4 .0 2 .0 1 .0 0 .0 -1 .0 -2 .0	.0 .0 .1	.1	1.1 2.4 5.3	.7 .9 1.5	.3	.0	24 37 60	.0	2.5
5 .0 4 .0 2 .0 1 .0 0 .0 -1 .0 -2 .0	.0 .1	.4 .3 1.2	1.1 2.4 5.3	1.5	.;	.0	37 60	.1	2.5
4 .0 3 .0 2 .0 1 .0 0 .0 -1 .0 -2 .0 -3 .0	•0 •1 •5	.4 .3 1.2	1.1 2.4 5.3	1.5	.;	.0	60		
3 .0 2 .0 1 .0 0 .0 -1 .0 -2 .0	•0 •1 •5	1.2	9.4		.1	.0		.1	
2 .0 1 .0 0 .0 -1 .0 -2 .0 -3 .0	•1	1.2	9,3						
1 .0 0 .0 -1 .0 -2 .0 -3 .0	.5				.0	.0	122	.5	7.9
0 .0 -1 .0 -2 .0 -3 .0			5.1	2.2	.0	.0	160	. 5	10.5
-1 .0 -2 .0 -3 .0		7.6	14.7	2.0	.0	.0	359	1.1	24.2
-2 .0 -3 .0	.3	6.4		. 9	.0	.0	235	•1	10.3
-3 .0	. 8	3.8		. 3	.0	.0	197	.1	13.5
	•1	2.2		. 2		.0	78	.0	5.4
		2.6		.0	.0	ö.	71	.1	4.8
-5 .0	.4	1.1		.1	ŏ	٥٠	37		2.6
-6 .0	.2	7			.0	.ŏ	íš	ŏ	1.0
-7/-8	.5			.ŏ	ŏ	:0	ii	ě	.,7
							**	:0	
	• 1	.4		•0	•?	•0	:		.5
-11/-13 .0	• 2	.0	•0	.0	•0	.0	1444	•0	• •

PERIOD: (OVER-ALL) 1963-1973

				₽¢	T FRED C	F WIND	SPEED	KTS) AND	DIREC	TION V	ERSUS S	EA HE1G	HTS (FT)		
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT		1-3	4-10	11-21	NE 22-33	34-47	48+	PCT
<1	.0	.5	.0	.0	٠,	.0	.5		•0	.4	.0	.0	•0	.0	.4
1-2	•0	. 9	•0	.0	.0	.0	.9		• 1	1.1	.0	.0	•0	.0	1.2
3-4	.0	.5	•6	.0	.0	.0	1.2		•0	.1	•0	.0	•0	٠.	•1
5-6	٠٥	.0	• 0	-0	.0	.0	•0		•0	.0	. 1	-0	•0	.0	•1
7	• 2	.0	• 0	.0	.0	.0	•0		•C	•0	.0	.0	•0	.0	•0
8-9	٠.	٠.	•6	-0	.0	.0	•0		•0	•0	.0	.0	•0	.0	•0
10-11	.0	.0	• 0	•0	.0	.0	•0		•0	•0	•0	.0	•0	.0	•0
12	.0	.0	•0	•0	•0	.0	•0		.0	.0	.0	.0	•0	.0	•0
13-16	•0	.0	•0	.0	.0	•0	.0		•0	.0	.0	.0	•0	.0	•0
17-19	.0	.0	•0	•0	•0	.0	•0		•0	.0	.0	.0	•0	.0	•0
20-22	.0	.0	•0	.0	.0	.0	•0		•0	•0	.0	.0	•0	.0	.0
23-25	•0	.0	•0	.0	.0	•0	•0		.0	•0	.0	.0	•0	•0	•0
26-32	.0	.0	•0	.0	.0	.0	•0		•0	, ,	.0	.0	•0	.0	•0
33-40	.0	.0	•0	•0	.0	•0	•0		.0	•0	•0	.0	•0	.0	•0
41-48	.0	.0	•0	.0	.0	.0	.0		•0	•0	.0	.0	•0	•0	•0
49-60	.0	.0	•0	•0	•0	.0	•0		•0	•0	•0	.0	•0	.0	•0
61-70	.0	.0	.0	•0	.0	•0	•0		•0	•0	.0	.0	•0	•0	•0
71-86	.0	.0	•0	.0	•0	•0	•0		•0	.0	.0	.0	•0	.0	•0
87+	٠٥.	.0	•0	•0	•0	•0	•0		•0	• 0	.0	.0	•0	.0	•0
TOT PCT	.0	1.9	•6	-0	.0	•0	2.5		.1	1.6	•1	.0	•0	.0	1.7
				E								SE			
HGT	1-3	4-10	11-21	27-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1		1.0	•0	.0	.0	.0	1.7		. 9	3.5	.0	.0	•0	.0	4.3
1-2	.4	6.2	1.7	.0	.0	.0	7.7		. 2	8.6	3.5	.0	.0	.0	12.4
3-4	.0	3.7	5.2	. 5	'n	.0	9.4		.0	3.4	6.6	.2	•0	.0	10.1
5-6	.0	1.2	2.1	. 2	.0	.0	3.5		.0	.1	3,7	-1	•0	.0	3.8
7	.0	.0	1.3	•0	.0	.0	1.3		•C	•0	1.2	.3	•0	.0	1.6
1-1	•0	.0	•0	.4	.0	.0	.4		.0	.0	.3	-1	•0	.0	.4
10-11	.0	.0	•0	-0	•0	.0	.0		.0	.0	.0	.0	•0	.0	•0
12	.0	.0	•0	-0	.0	.0	•0		•0	• 0	•0	.0	•0	.0	•0
13-16	.0	.0	•0	.0	•0	.0	•0		.0	•0	.0	.0	•0	.0	•0
17-19	.0	.0	•0	.0	•0	.0	•0		•0	•0	•0	.0	•0	.0	•0
20-22	. :	.0	•0	.0	.0	•0	•0		•0	•0	.0	.0	•0	.0	•0
23-25	.0	.0	•0	.0	.0	•0	•0		.0	•0	•0	.0	•0	.0	•0
26-32	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	•0	•0	.0	•0
33-40	.0	.0	• 0	•0	.0	•0	•0		•0	.0	•0	.0	•0	.0	•0
41-48	•0	.0	•0	.0	.0	•0	.0		•0	.0	.0	.0	•0	.0	•0
49-63	.0	.0	•0	.0	.0	•0	•0		.0	.0	•0	.0	•0	.0	•0
<b>61-7</b> 0	.0	.0	•0	.0	.0	•0	•0		•0	.0	.0	٠.	•0	.0	•0
71-89	.0	•0	•0	.0	.0	.0	•0		.0	•0	•0	.0	•0	.0	•0
87+	•0	.0	•0	•0	.0	•0	•0		.0	0	.0	٥.	•0	۰,٥	•0
TOT PCT	1.2	12.0	9.8	1.1	•0	•0	24.0		1.1	15,5	15.2	.7	•0	.0	32.5

									ANNUAL				4024	0012 S	A115484	
PERIOD	TOVE	R-4LL)	1983-1	9/3				TABLE	18 (CONT)	1			ANEA		S 114	
				90	T FREO	OF WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)			
				5								SW				
HGT	1-3	4-10	11-21	22-93	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.7	.7	•0	.0	.0	.0	1.4		.2	.2	•0	.0	•0	.0	. 5	
1-2	.0	4.2	.4	.0	.0	•0	4.6		12	1.5	. 8	•0	•0	•0	2.5	
3-4	.0	2.1	.8	.0	.0	•0	3.0		•0	.6	.3	.0	•0	.0	. 9	
5-6	•0	1.2		.2	•0	•0	2.2		•0	•0	• 1	•0	• 0	•0	• !	
7	•0	.0	•1	.0	. ?	•0	•1		•0	•0	•1	•0	•0	•0	•1	
8-9	.0	.0	•0	•0	.0	.0	.0		•0	•0	••	.0	•0	•0	•0	
10-11	.0	.0	•0	•0	•0	•0	•0		•0	•0	•0	.0	• 0	.0	•0	
12	.0	•0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0	
13-16	.0	.0	•0	.0	••	•0	•0		•0	•0	•0	•0	.0		.0	
17-19	.0	.0	.0	•0	•0	•0	•0		.0 .0	•0	•0	.0		•0	.0	
20-22	•0	.0	•0	•0	۰.	.0	•0		.0	.0	•0	•0	•0	.0	.0	
23-25	•0	•0	•0	.0	.0	.0	.0		.0	:0	•0	.0	.0	.0	ö	
26-32	•0	•0	•0	.0	.0	:0	.0		ő	ŏ	.0	.0	.0	.0	.0	
33-40	•0	•0	•0	•0	•0	:0	.0		ő	.0		.0	:0	.0	.0	
41-48	.0	.0	•6	.0	.0	:0	.0		.0	.0	.0	.0	.0	.0	.0	
49-60 61-70	•0	.0	•0	.0	.0	.0	.0		ő	ě		.0	.0			
71-86	.0	.0	•0	.0	.0	:0	.0		ő	.0	.0		.0		.0	
67+	.0		:0	.0	.0	:0	.0		ő	ŏ	.0		.0	.ŏ	.0	
TOT PCT	.7	8.3	2.1	.2	.0	.0	11.3		.4	2,3	1.3	.0	.0	.6	4.1	
																TOTAL
			11-21	W	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
HGT	1-3	4-10		22-73	,n	*.C	1.1		100	1.1	11-21	.0	•0	7.0	1.1	PG 1
<1		3	.•0	.0	.0	.0	7.4		ŏ	*;;	•0	•0	.0	.0	.,	
1-2 3-4	•0	5.8 1.1	1.7	.0	.0	.0	4.0		.0	1.2	:7	:0	.0	.0	1.9	
5-0	.0	1:6	2.1	ž	٥:	:0	2.3		ě			.0	.0	.ö	`.;	
7	.0	.0		.0	.ŏ				ň	.0	.0	.0	ŏ	.0		
8-9	.0	:0	•0	.0	.0	.0	.0		.0	ŏ	ŏ	.0	٥٥	ŏ		
10-11	ě		.0	.0	.0		.0		ő	.0	.0		.0	.ŏ	.0	
12	.0	.ŏ	•0		ő		.3		ŏ				ěŏ	.0	.0	
13-16	.0		.0		.0		.0		.0	.0	.0	.0	•0	.0	.0	
17-19	.0		ěő	٥.	.0				, õ	.0	.ŏ		.0	.0	.0	
20-22	.0		•0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
23-23	.0		ŏ	.0	,0	.0	•0		.0	.0	.0	.0	.0	.ö	.0	
26-32			ŏ			.0	.0		.0	.0	.0	.0	•0	.ŏ	.0	
33-40		.0	.0			.0	.0		.0	.0	.0		.0	.0	.0	
41-48	.0	.0	.0	.0		.0	.0		.0	.0	.0	.0	•0	.0	.0	
49-60			.0			.0	.0		.0	. 0	.0	.0	•0	.0	.0	
61-70	.0	.0	.0			•0	.0		.0	.0	.0	•0	•0	.0	.0	
71-86	.0	.0	.0			•0	.0	)	٠,	.0	.0	.0	•0	.0	.0	
87+	.0	.0	.0			.0	.0		.0	.0	.0	•0	•0	.0	.0	
TOT BOT		7.3	A. 0			.0	14.4			3.2	1.5			.0	4.7	96.3

	MIND	SPEED	(KT\$)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	8.6	7.6	.0	.0	.0	.0	16.3	785
1-2	. 9	29.0	7.3	.0	.0	.0	37.2	
3-4	.0	12.3	15.8		.0	. 0	29.8	
5-6	.0	2.5	9.2	, A	•0	.0	12.4	
7	.0		3.0	. 3		.0	3.3	
8-9		.0	.3		.0	.0	7.5	
10-11	.0	.0	.0		.0	.0	ŏ	
12	.0	ŏ	.0	, 3	.0	.0	ij	
13-16	.0		.0		.0	.0	ŏ	
17-19	.0	.0	.0	ŏ	.0		.0	
20-22	.0	.0	.0		.0	.0		
23-25	.0	.0		ŏ	.0	.0	.0	
26-32	.0	.ŏ	.0		.0	.0	ö	
33-40	.0	.ö	č				.ŏ	
41-48	.0	·ŏ				.ŏ	.ŏ	
49-60	.ŏ	.0	.0		.0		٥	
61-70	.0	•0	•0				•0	
71-86	•0	•0	•0		•0	.0	.0	
87+	.0	•0	•0	.0	.0	.0	.0	_
					_	_		415
TOT PCT	9.5	51.5	36.6	2.4	•0	.0	100.0	

PERIO	D: (0V	ER-4LL	) 194	9-1969	,				TABLE	19											
					PERCENT	FRE	QUENCY D	F WA	VE HEIG	HT (P1	r) VS	HAVE PE	RIGD	(SECON	051						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	HEAN HGT
<6	2.9	11.9	14.9	5.3	1.1	.3	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	227	. 3
6-7 8-9	• 2	2.3	3.0	6.2 5.1	3.3 5.7	1.7	.2	: 1	.0	.0	.0	:0	:0	.0	.0	:0	.0	:0	.0	139 107	4
10-11 12-13	.ŏ	::	1.3	2.2	2.0	i.9				:8	ŏ		.6	:6	• • • •	.0	ö	ŏ	.0	61	6
	.0	.0	1.1	. 5	.2	. 9	•0	•1		.0	•0	.0	.0		••	.0	.0	.0	٠0	16	6
>13 INDET	5.8	4.1	2.1	1.3	.0	::	•1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	74	•
TOTAL	,		•••		••	• •	••	•-	••	••	•••	•••	••			••	••	••	•••	628	•
867	9.0	14.4	20.4	20.7	14.1	A . 8	. 7	1.2	. 3	. 0	.0	.0	. 0	- 0	.0	. 0	٠. ۵	.0	-0	100.0	

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(OVER-ALL)	1854-1	973					TAB	LE 20					AREA 001	2 SDI 9.01	JTHEAS 114
				PERC	ENT FR	EQUENCY	OF 0	COURTE	NCE UF	SEA T	EMP (D	EG F)	BY MONTH		
	A THP EG F	MAL	FER	HAR	APR	MAY	JUN	JUL	AUG	SEP	061	NOY		ANN	PET
•	96+	•0	.0	.0	•0	.0		_	_						
	5/96	• 0	. 0	.ŏ	.0	ĕ	•0	.0	•0	•0	•0	.0	•0	0	.0
	3/94	.0	. 0	.0	.0	ě	•0		•0	•0	•0	•0	.0	¢	.0
	1/92	.0	. 1	.0	.0	.0		•0	•0	•0	•0	.0	•0	0	.0
	790		. 6	1.1		.3	•0	•0	•0	•0	•0	•0	•0	1	
87	7/88	4.0	1.4	4.4	1.8	.3	•0	•0	•0	•0	•0	.2	1.4	26	.4
83	786	19.5	21.4	23.2	18.9	6.3	.5	•0	•0	•0	•0	2.3	4.8	135	2.1
83	/84	38.	44.9	43.0	43.7	34.0	3.5	. • •	•0	. 5	3.1	10.6	27.0	801	12.3
	/82	37.1	25.1	24.6	30.9	37.0		1.5		1.6	13.7	35.8	37.5	1777	27.4
79	/80	3.7	3.3	3.2	3.3	17.8	41.3	15.2	8.6	16.2	36.9	38.0	25.6	1786	27.5
77	178	1.3	7,7	.3	1.0	4.0	28.4	30.5	22.6	33.2	27.5	12.1	3.4	919	14.2
75	176	.5	. 0	ž			11.8	27.7	42.1	31.1	15.9	1.0	.3	668	10.3
	174		.0	.0	.2	.5	2.5	17.9	16.8	14.2	2.1	.0	•0	269	4.1
71	/12	• 0	.0	. 0	.0	.0	1.8	6.3	7.4	2.6	. 8	.0	•0	99	1.5
69	/70	• 6		.0	.0	٠٥.	•0	•0	1.6	.5	•0	.0	•0	10	•2
67	/68	•0		.0	.ŏ	٠,٥	.0	•0	•0	•0	• 0	.0	•0	Ö	
	/66		. 0	.0		.0	•0	•0	•0	•0	•0	.0	•0	ŏ	.0
63	/64	.0		.0	.0	.0	•0	• ?	٠0	•0	•0	.0	•0	õ	.0
61	/62	.0		.0	.0	.0	•0	•0	• 0	• 0	•0	.0	•0	ŏ	
59	/60	• 0		.0	.0		•0	•0	•0	•0	•0	.0	•0	Ŏ	.0
	/58	.0				••	•0	•0	•0	•0	•0	.0	•0	ŏ	
	/56	.0	.0	.0	.0	.0	• 0	.0	•0	•0	•0	.0	.0	ŏ	
	/54	.0	.0	.ŏ	.0	.0	•0	•0	•0	•0	• 0	.0	.0	ŏ	
	/52	.0	.č	.0	:0	.0	•0	•0	•0	•0	•0	.0	•0	ŏ	
	/50	• 0	.õ	٥٥		.0	•0	•0	•0	•0	•0	.0	•c	ŏ	
47	/48	•0		.0	.0	.0	•0	•0	•0	•0	•0	.0	.0	ŏ	
	/46	•0		ő		.0	•0	.0	•0	•0	•0	.0	.0	ŏ	
	144	•0	.0	:0	.0	•0	•0	•0	•0	•0	•0	.0	•0	ŏ	
	/42	•0	.õ	.0		.0	•0	.0	•0	•0	•0	.0	.0	ŏ	
	/40	ě	.0		•0	•0	•0	•0	•0	•0	• 0	.0	.0	ŏ	
	/38	.0		.0	•0	•0	•0	•0	•0	.0	•0	.0	.0	ŏ	
	/36	•0	.0		٠,	•0	•0	• 0	•0	•0	٠Ď	.0	.0	ŏ	ä
33,		.0	ö	.0	.0	•0	•0	•0	.0	•0	.0	. 0	.0	ŏ	.0
31		•0	.6		• 5	•0	•0	•0	.0	•0	•0	. 0	•0	č	
29		•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	, õ		ò	
27		•0	.ŏ	•0	.0	.0	•0	.0	•0	•0	•0	.0	.0	ŏ	:0
	27	•0	.0	• 2	•0	•0	•0	•0	.0	.0	•0		•0	ŏ	.0
701		875	817	.0 633	0	.0	•0	.0	.0	•0	•0	.ŏ	ŏ	ŏ	:0
	AN				500	400	433	541	499	431	483	519		549 <u>1</u> 1	
76	AIT	83.7	83.4	13.6	03.1	<b>81.9</b>	80.5	78.2	77.6	78.5	80.5	82.5		11.3	

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O

RESSURE (MB)

			AV	ERAGE	84 HOL	IR EGM1	7)			
HE	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	TOTAL DBS
NARRAN YN LOR TYN LOR TYN LOR TYN LOR TYN LOR TYN LOR TYN LOR THE	1009 1010 1010 1011 1013 1013 1013 1014 1013 1011 1010 1011 1010	1009 1009 1010 1010 1012 1012 1013 1013 1011 1010 1009 1011 414	1008 1008 1007 1009 1011 1013 1012 1010 1009 1010 208	1007 1007 1008 1008 1011 1010 1010 1011 1010 1008 1008 1009	1000 1000 1010 1010 1011 1012 1012 1011 1010 1000 1010	1009 1010 1010 1011 1012 1013 1013 1011 1010 1009	1009 1008 1009 1010 1012 1012 1012 1012 1011 1010 1010 1010	1007 1008 1008 1010 1011 1011 1011 1011	1008 1009 1010 1010 1012 1012 1012 1012 1011 1010 1009 1010	187 217 210 146 151 183 179 192 157 172 171 170 2141

				,	ERCENT	ILES			
ME	MIN	1%	5%	25%	50€	75%	95%	992	MAX
JAN FER APR HAR JUL SECT VIII	1001 1002 1002 1005 1003 1009 1008 1005 1006	1003 1003 1005 1005 1006 1008 1006 1007 1005	1004 1005 1006 1006 1008 1009 1009 1010 1007	1007 1007 1007 1008 1009 1010 1011 1011 1011 1010	1009 1009 1009 1009 1010 1012 1012 1012	1010 1010 1011 1011 1013 1013 1013 1014 1012 1011	1012 1012 1012 1014 1014 1015 1015 1015	1013 1013 1013 1016 1014 1015 1015 1016 1016	1014 1017 1017 1018 1016 1016 1017 1017 1018
DEC	1003	1004	1005	1007	1009	1010	1012	1013	1014

PERIOD: (PRIMARY) 1917-1969
(OVER-ALL) 1859-1969
TABLE 1
PERCENT PREQUENCY OF WPATHER DCCURRENCE BY WIND DIRECTION

PERCENT	FREQUENCY	OF	WFATHFR	DCCURRENCE	BY	MIND DI	RECTION
PRECIPITATION	TYPE					OTHE	R WEATHE

PRECIPITATION TYPE										OTHER	WEATHER	PHENDI	MENA		
WND DIR	RAIN	RAIN SHUR	DR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST HOUR	THOR LTNG	FOG WO PCPN	FOG HO PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST BLWG SHOW	
N NE E SE SW W NW VAR CALM	.0 2.6 5.3 18.5 6.4 4.2 9.0 8.2 .0	.0 5.3 3.7 .0 6.8 9.1 8.5	.0 .0 .0 .0 .0	.0	.00	.00	.00.00	2.6 10.5 22.2 6.4 10.9 19.1 17.3	0 21.1 0 0 0 	4.3 13.0 5.3 .0 .0 4.2 7.1 5.1 .0	.0 .0 .0 .0	.00	.0 .0 1.9 3.2 1.0 .2	•0	95.7 87.0 68.4 75.9 90.4 85.9 73.7 78.0 .0
TOT PCT TOT DBS:	7.5 536	6.9	.7	•0	•0	.0	•0	15.1	.9	6.3	•6	•0	• •	•0	78.4

TABLE 2
PERCENT FREQUENCY OF MEATHER OCCURRENCE BY HOUR

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	HENA	
HOUR (GHT)	RAIN	#AIN Shwr	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
00603 06609 12615 18621	4.3 5.8 11.4 10.3	6.7 12.6 4.0 6.3	2.3	.0 .0 .0	•0	.0	.0	11.0 18.4 17.7 16.7	2.9	1.0 12.6 11.1	.6 .0 .0	.0 .0	.6 .0 .8		87.1 78.6 73.1 73.0
TOT DESI	8.1 567	6.9	.7	•0	•0	.0	•0	15.7	.9	6.7	•5	•0	• •	.0	78.1

TABLE 3
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

				,		. ME GOE				5. 5.		, ,, ,,	50.1				
		wI	ND SPE	ED 1K4	DTS)								HOUR	(GMT)			
HND CIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	Prt FRFQ	HEAN SPD	On	03	76	09	12	15	10	21
N.	1.5	2.9	-1	.1	•0	.0		4.7	5.3	4.9			7.5	6.4	5.3	1.3	2.0
NE	2.1	1.9	•?	.0		•0		4.2	4,4	1.5	4.5		6.5	7.4	6.1	2.5	1.5
ε	1.0	1.4	•	.0	.0	•0		2.4	4.4	2.1	4.7	5.7	1.0	2.0	2.9	. 4	1.8
ŞĒ	.6	1.3	-4	.0	•0	.0		2.3	6.2	2.4	1.5	2.6	1.7	2.2	3.8	1.3	2.8
S	1.0	2.9	• 2		•0	•0		4.1	6.2	6.6	4.3	1.5	. 3	3.	3.5	5.5	5.8
Šn	2.1	6.2	1.5	.2	.0	•0		10.0	7.3	13.5			4,1		11.0		16.3
¥	4.5	19.1	11.9	1.7	•1	•0		37.3	9.8	44.9	37.0	36.1	32.2				40.6
Nu	3.9	15.3	7.4	1.2		•0		27.9	9.4	18.0		34.0				25.4	19.3
VAR	.0	•0	.0	.0		.0		.0	.0	.0	.0			•0	.0	0	
CALM	7.2			• •		•••		7.2		6.3			4,8		8.6	6.7	8.8
TOT DBS	334	720	306	46	3	0	1409	***	7:9	206	133	97	146		187	119	249
TOT PCT	23.7	51.1	21.7	3.3	• 2	•0		100.0				100.0					

					TAB	LE 3A						
WND DIR	0-6	WIND 7-16	SPEED 17-27	(NADTS) 28-40	414	TOTAL NBS	PCT FREQ	MEAN SPD	00	HBUI 66 86	(GHT: 12 15	18 21
4	3.7	: 8 : 7	•2	.0	.0		4.7	5.3	4.4	6.2	0	2.3
NE	3.5		.1	•0	.0		4.2	4.4	2.7	4.6	6.9	2.0
F	2.0	.3	.0	•0	-0		2.4	4.4	3.1	2.9	2.4	1.4
SE	1.4	.9	• 0	.0	٠.		2.3	6.Z	2.1	2.1	2.6	2.3
5	2.6	1.4	.1	.0	.0		4.1	6.2	5.7	.8	3.3	5.7
Sw	5.3	4.2	.6	.0	.0		10.0	7.3	11.8	5.9	7.0	14.1
W	13.7	17.7	5.4	.5			37.3	9.8	42.1	33.7	31.2	42.7
Nw	12.0	11.1	4.4	.4	•		27.9	9.4	22.3	38.5	31.6	21.3
VAR	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	
CALM	7.2		•••	••	•••		7.2		5.9	5.3	1.3	4.2
TOT ORS	723	522	151	12	1	1409		7.9	339	243	459	361
TOT PCT	51.3	37.0	10.7	12 •9	. i	•	100.0	•••	100.0			100.0

PERIOD: (PRIMARY) 1917-1969 (DVER-ALL) 1859-1969

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TABLE 4

AREA 0013 SOUTHEAST JAVA SEA 6.35 112.8E

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

HQUR	CALH	1-3	4-10	WIND	3PEED (	KNOTS) 34-47	48+	MEAN	PCT FREQ	TOTAL DBS
00403 06609 12615 18621 TOT PCT	5.9 5.3 8.3 6.2 101 7.2	24.6 15.6 16.1 10.1 233 16.5	49.0 45.7 51.6 56.0 720 51.1	16.8 29.2 21.4 21.7 306 21.7	3.5 4.1 2.4 3.5 44	.0 .2 .3	•••••	7.4	100.0 100.0 100.0 100.0	339 243 459 368 1409

TARLE 5

T491 8 4

												T	ABLE 0					
WHD DIR			DA MIN	D DIRE	CTION	(EIGHTHS) MEAN			PEPCEN	TAGE (	FPEQUE	CY OF	CEILIP	IG HE10	HTS (	FT,NH IRECTI	>4/8) ON	
	0-2	3-4	5-7	DASCR	CBS	COVER	149	157 294	300 599	999	1000	2000 3499	3500 4999	5000 6479	6500 79 <b>9</b> 9	8000+	NH <5/8	TOTAL DES
N HE SE SW W WAR CALM COT DBS	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 .0 .0 1.1 5.9 4.6 .0 4.3 15	.5 1.1 1.1 .0 .0 3.8 21.0 14.2 .0 1.1 40		100.ó	7.3 3.6 7.5 8.0 8.0 5.7 5.5 .0 3.3	.0	•0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0		.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	2.2 2.2 2.2 3 10.5 5.4 .0 .20 21.5	.0 .0 .0 .8 .8 .7 .3 .0	000000000000000000000000000000000000000		.0	.0	1.6 1.1 .0 .0 .0 4.3 28.0 16.7 .0 10.8 58 62.4	93 100.0

TARLE 7

CUMULATIVE PCT FREQ UF SIMULTANEOUS DECURRENCE OF CEILING HEIGHT (NH >6/8) AND YSBY (NH)

				VSBY (NA	1)			
CEILING (FEET)	● 7R >10	• GR >5	= OR >2	* DR	• DR >1/2	• OR >1/4	= TR >50YD	* DR >0
• CR 26500 • PR 25000 • PR 25500 • PR 27500 • PR 27000 • PR 27000 • PR 2600 • PR 2700 • PR 2700	.0 .0 9.3 21.6 24.7 24.7 24.7 24.7	.0 .0 .0 9.3 25.8 32.0 32.0 32.0 32.0	.0 1.0 10.3 30.9 38.1 38.1 38.1	.0 1.0 10.3 30.9 38.1 38.1 38.1	.0 1.0 10.3 30.9 38.1 38.1 38.1	.0 1.0 10.3 30.9 36.1 38.1 38.1	.0 .0 1.0 10.3 30.9 38.1 38.1 38.1 37	.0 1.0 10.3 30.9 38.1 38.1 38.1

TOTAL NUMBER OF OBS: 97

PCT FREQ NH <5/81 61.9

TABLE 7A

PERCENTAGE PREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 9 4 5 6 7 8 DBSCD TOYA 7.7 10.1 13.8 20.2 13.8 13.8 6.4 4.6 13.8 .0 10

PERIOD: (PRIMARY) 1917-1969 (OVER-ALL) 1859-1969

TABLE 8

AREA 0013 SOUTHEAST JAVA SEA 0.35 112.8E

ALL) 1	859-1969						TA	BLE B					6
		P	FRCENT	PREC !	OF WIND	DIREC	CTION Th VAR	VS DCC	URRENCI ALUES	F OR N OF VIS	IDN-GCC	URRENC	E OF
VSBV		•	NE	E	SE	\$	S¥	N	Ne	VAR	CALK	PCT	T074L
	PCP	•0	.0	.0	.0	• 0	• • •	. 3	. 1	.0	.0		
<1/2	NO PCP	.0	.0	.0	.0	• 0	.0	.0	.0	.0	• C	.0	
	TOT %	.0	.0	.0	.0	•0	• ^	. 3	•1	.0	• 0	.4	
	PCP	٠,	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	
1/24	NO PCP	.0	.0	.0	.0	•0	.0	•0	.0	.0	•0	.0	
	TOY %	.0	.0	.0	•0	•0	•0	•0	•0	.0	• 0	.0	
	PCP	.0	.0	.0	.0	.0		.5	•0	.0	•0	.6	
1<2	NO PCP	.0	.0	.0	.0	• 1	. 2	.1	• 0	.0	•0	.4	
	TOT %	•0	•0	.0	•0	•1	.2	.6	•0	.0	•0	•9	
	PCP	.0	•0	.0	.4	• 2	• 7	.9	.6	.0	.0	2.2	
2<5	NO PCP	.0	.0	.3	. 3	• 0	• 0	. 3	.3	.0	.0	1.1	
	TOT S	.0	.c	.3	.7	• 2	• 7	1.2	. 8	.0	•0	3.4	
	PCP	.0	.1	. 2	.2	-1	.7	5.0	3.8	.0	•?	10.3	
5<10	NO PCP	1.2	.3	. 5	. 8	1.3	2.2	8.8	8.9	.0	1.1	25.2	
	TOT %	1.2	.4	.7	1.0	1.4	3.0	13.8	12.7	•0	1.3	35.4	
	PCP	.0	.0	.0	.0	•0	•0	. 9	. 8	.0	• 2	1.9	
10+	NO PCP	3.1	3.2	. 8	. 8	2.7	5.6	22.1	15.7	.0	3.9	58,0	
	TOT %	3.1	3.2	. 8	3.	2.7	5.6	23.0	16.5	.0	4.1	59.9	
	TOT HES												536
	TOT PCT	4.3	3.6	1.8	2.5	4.4	9.0	38.9	30.1	.0	5.4	100.0	

			•	PERCENT	FREG	OF WING	VALUE	ECTION S OF V	VS WI' ISIBIL	ID SPE	ED		
VSBY (NH)	SPD KTS	N	NE	Ε	SE	S	SW	*	4#	VAR	CALM	*CT	TOTAL 285
	0~3	.0	.0	.0	.0	•0	.0	.0	.1	.0	.0	.1	
<1/2	4-10	.0	.0	•0	•0	.0	• 1	.2	.4	.0		.7	
	11-21	.0	.0	.0	.0	٥٠	٠.	.4	.1	•0		.4	
	22+	.0	.0	.0	•0	•¢	.0	.0	.0	•0		.0	
	TOT \$	•0	.0	•0	.0	.0	•1	.6	.6	.0	.0	1.2	
	0-3	-0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	٠٥	•0	•0	.0	•0	.0	.0	.0	.0		•0	
	11-21		•0	•0	٠.	•0	.0	•0	•0	•0		•0	
	22+	•0	.0	•0	.0	• 0	.0	.0	.0	•0		.0	
	TOT \$	•0	-0	•0	٠٥	•0	.0	•0	•0	.0	•0	•0	
	0-3	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	•0	•0	•0	•0	•0	• 1	. 3	•0	.0		• •	
	11-21	.0	•0	•0	•0	.2	• 1	.2	.0	۰.		• 4	
	55+	٠٥.	•0	•0	.0	•0	٠0	.0	-1	•0		1	
	TOT %	.3	.0	•0	٠.٥	.2	.3	. 5	.1	•0	•0	1.0	
	0-3	.0	•0	.0	•0	.0	•0	.0	.1	.0	-1	.2	
2<5	4-10	• 1	• 1	• 2	• 2	. 4	.8	. • •	-4	•0		2.0	
	11-21	.0	•0	•0	• 2	•0	-2	1.0	.9	.0		2.3	
	22+	•0	•0	•0	• 0	• 4	. • 1	0	. 1	•0		2	
	TOT \$	.1	•1	• 2	• 4	. 4	1.0	1.6	1.6	.0	•1	5,6	
	0-3	.3	.1	•1	•0	• 1	. 1	.4	.4	.0	.9	2.6	
5<10		.6	•2	. 3	.6	. 9	1.0	4.7	3.9	.0		12.3	
	11-21	.1	.0	.0	.0	.0	.7	3.8	4.1	.0		8,6	
	22+	. • 1	.0	•0	•0	.0	2		. 5	.0	_	1.3	
	TOT \$	1.1	.3	• •	.6	1.1	2.0	9.4	9.0	.0	. 9	24.8	
	0-3	1.6	1.7	.5	. 3		2.4	4.1	3.6	.0	6.5	21.7	
10+	4-10	2.6	1.5	1.1	.5	1.3	2.9	11.8	12.5	.0		34.0	
	11-21	.1	• 5	• 0	• 1	• 1	• •	5.4	3.9	٠.		10.0	
	22+	• 1	.0	•0	•0	.0	. 1	1.0	6	•0		1.7	
	TOT %	4.3	3.2	1.6	. 9	2.2	5.8	22.2	20.5	.0	6.8	67.4	
	TOT DAS						_						899
	TOT PCT	5.5	3.6	2.2	1.9	3.6	9.1	34.3	31.0	•0	7.8	100.0	

PERIOD:	(PRIMARY) (OVER-ALL)	1917-1969

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TABLE 10

AREA 0013 SOUTHEAST JAVA SEA 0.35 112.8E

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PERCENT	PREQUENCY OF	CFILING	HEIGHTS	(FEET, NH	>4/81	AND
	OFFILER	MEG OF M	u /5/6 a:	. unii		

HOUR (GHT)	000 149	190 299	300 599	600 999	1000	2000 3499	1500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/B ANY HGT	TOTAL OBS
60300	.0	.0	.0	5.3	5.3	21.1	5.3	.0	.0	.0	36.8	63.2	19
00300	.0	.0	•0	4.0	40.0	.0	.0	.0	.0	.0	44.0	50.0	25
12615	.0	.0	.0	14.3	10.7	3.6	.0	.0	.0	.0	28.6	71+4	28
18621	.0	.0	•0	3.1	18.8	12.5	.0	.0	.0	•0	34.4	65.6	32
TOT	.0	0	0	7 6.7	20 19.2	9	1.0	.0	.0	.0	37 35.6	67 64.4	104

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VSBY	(NM)	BY HOUR		CUMULAT					VSBY (NM) 15BY HOUR	AND/OR
HOUR (GHT)	¢1/2	1/2<1	1∢2	2<5	<b>5</b> <10	10+	TOTAL DBS	HOUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
60300	.9	.0	.5	3.6	19.9	75.1	221	E0300	.0	•0	10.5	26,3	63.2	19
<b>*0360</b>	.6	.0	•0	8.7	28.0	62.4	157	90360	•0	.0	12.5	33.3	54.2	24
12615	1.5	.0	1.4	4.5	23.9	68.3	331	12615	.0	•0	22.2	7.4	70.4	27
18621	1.4	.0	1.4	6.3	32.9	58.1	222	18621	.0	.0	3.7	37.0	59.3	27
TOT PCT	11	.0	10 1.1	51 5.5	240 25.8	619 66.5	931 100.0	TOT PCT	.0	.0	12,4	25 25.8	61.9	97 100•0

				T	ARLE 13	i				
	PERC	ENT FRI	EQUENCY	/ OF R	ELATIVE	HUMI	DITY 81	TEMP	70041	•••
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT FREQ
90/94	.0	.0	•0	•0	.3	.6	1.4	.0		2.2
85/89	.0	.0	•0	•0	. 6	6.2	3.4	2.2	44	12.4
80/84	.o	.0	.0	•0	. 3	13.4	41.3	17.7	260	73.0
75/79	.0	.0	.0	•0	.3	1.4	3.7	7.0	44	12.4
TOTAL	Ō	Ō	Ö	0	- 5	78	177	96	356	100.0
PCT	.0	.0	•0	•0	1.4	21.9	49.7	27.0		

TABLE 14

	PERCE	NT FRE	EQUENCY	OF W	IND DI	RECTIO	N BY T	EMP	
N	NE	E	SE	S	SW	×	ИМ	VAR	CALM
.3 3.3 .6	.0 .3 1.9	.0 .3 1.8	2.7 2.0	.0 3.2 .3	1.8 4.1 1.8	.9 4.1 27.5 5.3	3.3 24.3 4.1	•0	.0 1.4 4.2 .0
4.4	2.5	2.1	2.7	4.4	8.1	37.9	32.4	•0	5.0

		TABLE 15											
	MEANS,	EXTREMES	AND	PERCENT	TILFS	OF TEMP	CDEG	F) {	Y HOUR				
HOUR (GMT)	MAX	99%	95%	50%	58	1%	MIN	HEAN	TOTAL DBS				
60300	91	90	88	82	79	76	75	82.3	337				
90360	95	91	87	83	78	77	76	63.0	239				
12615	91	87	85	82	78	76	75	81.5	469				
18621	ii	85	83	81	77	76	75	80.6	373				
TOT	95	90	86	82	70	76	75	81.7	1416				

	PERC	ENT FRE	QUENCY	OF RELA	TIVE H	HIDITY	BY HOUR	
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00803	.0	.0	2.3	29.5	40.9	27.3	0.5	132
12615	.0	.0	1.6	33.3 10.9	47.6 56.4	17.5 32.7	82 87	43 110
18621 TOT	.0	•0	1,3	11.8	192	26.3	86 85	76 381

PERIOD: (PRIMARY) 1917-1969 (OVER-ALL) 1859-1969

TABLE 17

AREA 0013 SOUTHEAST JAVA SEA 6,35 112.6E

PCT FRPG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

IR-SEA	73	77	81	85	89	TOT	Ħ	WD
MP DIF	76	80	84	84	92		FÜß	FOG
7/8	.0	•0	.0	.0	. 3	1	.0	.3
6	.0	•0	.0	.0	.5	2	• 0	.5
5	.0	.0	.0	. 5	1.1		.0	1.6
4	.0	.0	. 3	. 3	.3	3	.0	. 8
6 5 4 3 2	.0	• 0	1.6	. 3	. 5	3	.0	2.4
2	.0	. 3	3,4	2.6	.0	24	.5	6.3
ī		.3	4.1	1.1	.0	23	.3	5.8
0 -1	.ŏ	1.6	19.3	1.6	.0	85	.0	22.5
-1	ŏ	1.6	9.5	1,6	.0	48	ěŏ	12.7
-:		7.4		3	.0	92	•0	24.3
-2 -3 -4		4.2			.0			9.5
-,	• • •		4.8			36	•0	4.9
-4	.3	4.0	4.0	•0	•0	31	•0	8.2
-5	.0	1.6	1.6	.0	.0	12	.0	3.2
-6	.3	. 6	.0	.0	.0	4	.0	1.1
-7/-8	.3	. 3	.0	.0	.0	2	.0	.5
TOTAL	3		249	•	10	_	1	377
	•	83		33		378	•	<b>.</b> .,
PCT		22.0	65.9	8.7	2.6	100.0	. 3	99.7

PERIOD: (OVER-ALL) 1963-1969

				PC	T FRED (	OF WIND	SPEED	(KTS)	AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT)		
				N_		_						NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-9	4-10	11-21	22-33	34-47	48+	PCT
<1	•0	.0	•0	.0	•0	.0	.0		.0	1.5	.0	•0	•0	•0	1.5
1-2 3-4	•0	1.1	•0	.0	•0	.0	2.3		.0	.0	.0	٠0	•0	.0	• •
5-6	.0	2.3	•0	.0	.0	.0	2.9		.0	.0	•0	.0	•0	.0	•0
7	.0	.0	•0	.0	.,		.0		ě	٥			ŏ	:0	.0
8-9	٠٥	ě	.0	.0	.0	;	.0		.0	.0	ŏ	.0		.0	·ŏ
10-11			.0		ñ	.;	.0		ŏ	.0		.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	•0
13-16	.0	.0	•0	.0	.0	٠.	.0		.0	.0	.0	.0	.0	•0	.0
17-19	.0	.0	•0	.0	.0	٠,	•0		•0	.0	.0	.0	•0	•0	•0
20-22	.0	.0	•0	.0	.0	٠.	•0		•0	•0	.0	•0	•0	.0	•0
23-25	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	•0	•0	•0	•0
26-32	.0	.0	•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	••	•0
33-40	.0	.0	•0	.0	.0	.0	•0		•0	•0	•0	•0	•0	.0	•0
41-48	.0	.0	•0	.0	•0	•0	•0		•0	•0	•0	•0	•0	.0	•0
49-60 61-70	.0	.0	•0	•0	.0	۰۰	•0		•0	.0	•0	.0	.0	.0	•0
71-86	.0	.0	•0	.0	.0	::	•0		.0	.0	•0	•0	:0	.0	.0
87+			•0	.,	ໍ້າ	.0	.0		.0	٠٥				:0	.0
TOT PCT	.0	3.4	.0	.0	. 6	.0	3.4		ě	1.9	.0		.0		1.9
	•••	•••	•••	•••	,.	•••			•••	•••	•••	•••	•••	••	•••
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	•0	.0	•0	.0	.0	•0	.0		.0	.0	.0	•0	•0	.0	•0
1-2	. 0	3.0	•0	.0	.0	•0	3.0		.0	.0	.0	•0	.0	.0	•0
3-4	.0	.0	•0	.0	•0	.0	.0		•0	•0	3.0	.0	.0	.0	3.0
5-6	•0	.0	•0	.0	.0	•0	.0		•0	•0	•0	•0	•0	•0	•0
7	• 0	.0	•0	•0	•0	.0	.0		•0	•0	•0	•0	•0	•0	•0
8-9	•0	.0	•0	.0	•0	.0	•0		•0	•0	.0	•0	•0	•0	•0
10-11	.0	:0	•0	•0	.0	•0	•0		•0	.0	•0	•0	•0	•0	•0
13-16	٠٥	:0	•0	.0		:0	.0		ŏ		.0	•0	.0	.0	•0
17-19	.0		•0	.0	.0	.ŏ	.0		ŏ	. 5	.0	:0	.0	ŏ	
20-22	.0		.0	.0	ě	.ŏ	ĕ		.0	.0			•0	.0	.0
23-25	ŏ	.õ	ő	.0	.õ		.0		ě	.0		.0	ě		
26-32	.0	.0		•0	.0	• 0			.0	.0	.0	.0	•0	·ŏ	.0
33-40	.0	.0	.0	•0	.0	·ŏ	.0		.0	.0	.0	.0	iò	ěŏ	.0
41-48	•0	.0	•0	.0	.0	.0	.0		.0	.0	•0	•0	.0	.0	.0
49-60	.0	.0	.0	.0	• 1	.0	•0		•0	•0	.0	.0	•0	.0	.0
61-70	.0	.0	•0	.0	.0	•0	.0		.0	•0	•0	•0	•0	•0	.0
71-56	• 0	.0	•0	•0	.0	.0	•0		•0	•0	.0	•0	•0	.0	.0
87+	•0	.0	•0	•0	.0	•0	0		•0	•0	.0	.0	•0	•0	.0
TOT PCT	•0	3.0	•0	.0	.0	•0	3.0		•0	•0	3.0	•0	•0	•0	3.0

									JANUAR	<b>Y</b>						
PER [UD:	(OVE	P-ALL)	1963-1	969				TABLE	18 (00)	NT)			AKEA	0.3	S 112	ST JAVA SEA . <b>8</b> e
				PC	T FREQ C	F WIND	SPEED	(KTS)	AND DI	RECTION	VERSUS	SEA HEIG	HTS ( +)			
HGT	1-3	4-10	11-21	5 22-33	34-47	48+	PCT		1-	3 4-1	0 11-21	SW 22-33	34-47	48+	PCT	
401 <1	.0	.0	11-51	.0	.0	7.0			•-				14247		1.5	
1-2	٥	.0	•0	.0	.0		.0						.0	٥		
3-4	ĕ	.0	.0	ŏ	.ő		ŏ		:				.0	ŏ	14	
5-0	.ŏ		. 5	.ŏ	.0	.0	.0						.0	.0	1.5	
7	ič	.0	•0	.0	.0	.0	.0				v .		•0	.0	.0	
8-9	Ĭ.č		.0	.0		.0	.0			ο .	0 .0	• • •	•0	.0	.0	
10-11	·c	.0	.0	.0	.0	.0	.0			٠.	0 .0	• • •	•0	.0	.0	
12	.0	.0	•0	•0	•0	.0	.0					• • •	•0	.0	•0	
13-16	.0	.0	.0	.0	٠.	.0	.0						•0	.0	•0	
17-19	.0	.0	.0	.0	.0	.0	.0		•		0 .		•0	.0	.0	
20-75	.0	.0	•0	.0	.0	•0	•0		•				•0	.0	•0	
23-25	.0	•0	•0	-0	•0	•0	•0				o .(		• 5	.0	•0	
26-32	.0	.0	•0	.0	.0	•0	.0				9 .		•0	.0	•0	
33-40	.0	.0	•0	.0	•0	•0	•0		•		ò .		•0	•0	.0	
41-48	.0	.0	•0	.0	•0	•0	•0		•		9 .		•0	• 0	•0	
49-60	• 0	.0	•0	•0	.0	•0	•0		•		9 .		•0	.0	.0	
61-70	.0	•0	.0	.0	.0	••	.0				0 .		•0	.0	.0	
71-86	٠.	.0	•0	•0		:0	.0				ŏ		•0	:0	.0	
#7+ TOT PCT	.0	.0	.0	•0	•0	.0	.0			ő 3:			•0	.0	3.8	
101 -01	••	.0	•0	•0	•"	••	••		•	•	•	• ••	••	••	,	
				w								Nw				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-	3 4-1	0 11-2		34-47	48+	PCT	PCT
<1	1.5	2.7	•0	•0	.0	.0	4.2		•	0 .	4	• • •	•0	.0	.4	
1-2	.0	14.0	5.3	.0	.0	.0	19.3		4.				•0	•0	12.1	
3-4	.0	1.5	9.5	•0	.0	.0	11.0			0 3.			•0	.0	6.1	
5-6	.0	.0	7.2	3.0	.0	•0	10.2				0 6.		•0	•0	6.4	
7	.0	.0	1.1	0	.0	•0	1.1				0 .		•0	•0	•4	
8-9	•0	•0	•0	1.1	•0	•0	1.1				0 .1		•0	.0	• •	
10-11	.0	.0	•0	•0	•0	.0	.0				0 .		•0	•0	•0	
12	.0	.0	.0	•0	• 9	•0	•0				C .		•0	•0	•0	
13-16 17-19	.0	.0	•0	• 0	.0	.0	.0				0		•0	.0	•0	
20-22	.0	.0	•0	•0	•0	.0	.0				ŏ :		• • • •	ŏ	•0	
23-25	.0	.0	•0	•0	.0		.0				ŏ .		ó	.0	•0	
25-32	.0	.0	.0	.0	.0	.0	.0				ŏ:		.0	.0		
33-40		.0	•0	.0	.0		• 0				ŏ.		•0	.0		
41-48	.0	.ŏ	•0	.0	ő						ŏ.		•0	.0		
49-00	.0		ŏ	.0	.0	.0	.0				ō .				.0	
61-70		.0	.0	.0	.0	.0	.0				0 .			.0	.0	
71-65	.0	.0	.0	.0	.0	•0	.0				0 .		•0	.0	.0	
57+	. 0	.0	.0	.0	•0	•0	.0				٥.		•0	.0	.0	
TOT PCT	1.5	18.2	23.1	4.2	.0	•0	47.0	;	4.	5 0.	4 14.	4 .4	•0	.0	25.8	87.9

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	13.6	6.1	.0	.0	.0	.0	19.7	OBS
1-2	4.5	21.2	10.6	. 0	.0	.0	36.4	
3-4		7.6	15.2	ŏ			22.7	
5-6	.0	1.5	13.6	3.0			18.2	
7	.0	.0	1.5	.0			1.5	
8-9	.0	ŏ		1.5			1.5	
10-11	.0	.ŏ		ń				
12	.0	·ŏ		ő			ŏ	
13-16			ě	٥			ě	
	.0							
17-19	•0	•0	.0	•0			•0	
20-22	•0	•0	.0	•0			•0	
23-25	.0	•0	٠.	.0			•0	
26-32	•0	•0	.0	.0			•0	
33-40	•0	.0	٠.	•0			.0	
41-48	.0	.0		.0			.0	
49-60	.0	•0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	. 0		.0	.0	
87+	.0	.0	.0	. 0			.0	
• • • •	•••		• •	•			• •	66
TOT PET	18.2	36.4	40.9	4.5	.0	•0	100.0	•-

PERIO	D: (0v	ER-ALL	195	0-196	9				TABLE	19											
					PERCENT	FRE	QUENC Y	OF WA	VE HEI	GHT (F	T) VS	WAVE P	ERIOD	(SECON	120						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	1-7	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	13.2	18.7	18.7	9.9	.0	1.1	.0		.0	.0	•0	.0		.0	•0	.0	.0	۰,	.0	56 17	2
6-7	.0	•0	5.5	7.7	2.2	1.1	2.2		.0	.0	:0		.0		•0	.0	.0	.0	.0	17	5
8-9	.0	.0	.0	.0	.0	2.2				.0	,0	•0	.0	•0	•0	.0	•0	.0	٠,	•	7
10-11	.0	1.1	.0	1.1	.0	.0		.0	.0	.0	.0	.0	.0	•0	•0	.0	.0	.0	.0	Z	4
12-13	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	• • •	.0	.0	.0	.0	.0	.0	٠,0	0	
>13	.0	.0	.0	.0	.0	.0			•0	.0	.0	.0	.0		.0	.0	.0	.0	.0	0	
INDET	12.1	2.2	.ŏ	.0	.ŏ	.0			.0	.ŏ	.o		.0		•0	.o	.0	.6	.0	13	0
TOTAL	23	50	25	17	2		. 2	ĭ	ō	Č	Ö	0	0		٥	Ō	Ó	Ď	Ď	91	3
PCT	25.3	22.0	24.2	18.7	2.2	4.4	2.2	1.1	٠č	٠.	.ŏ	• • •	٠.٥	· ·ŏ	٠ū	.ŏ	٠ŏ	.č	٠ŏ٠	100.0	_

PERIOD: (PRIMARY) 1918-1973 (OVER-ALL) 1860-1973

THE STATES OF TH

TABLE 1

AREA 0013 SOUTHEAST JAVA SEA 6.35 112.9E

PERCENT !	FREQUENCY	OF	WEATHER	OCCURRENCE	BY	WIND	DIRECTION
-----------	-----------	----	---------	------------	----	------	-----------

			,	RFC IPI	TATIO	N TYPE					OTHER	WEATHER	PHENDI	HENA	
WND DIR	RAIN	RAIN Shwr	DR7L	FRZG PCPN	SNDW	DTHER FRIN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	ND SIG WEA
N	.0	2.2	.0	.0	.0	.0	.0	2.2	.0	.0	2.2	.0	•0	•0	95.5
NE	8.9	.0	.0	.0	.0	.0	.0	8.9	.0	4.4	8.9	.0	.0	•0	77.8
Ë	.0	5.9	.0	.0	.ŏ	.0	.0	6.9	.0	4.6	4.6	.0	.0	.0	83.9
ŠE	.ŏ	3.4	.0	.0	.0	.0	.0	3.4	.0	.0	6.9	.0	.0	.0	89.7
Š	10.3	5.1	2.6	.0	•0	.0	.0	17.9	.0	15.4	.0	.0	•0	.0	71.6
Šw	6.4	.0	1.3	.0	.0	.0	.0	7.6	.0	. 6	•0	ō	•0	.0	91.7
W.	5.3	4.0	1.1	.0	.0	.0	.0	10.4	2.9	5.3	.0	Ö	10	.0	82.9
Nw	5.5	1.3	•				.0	6.9	. 5	4.0		ŏ		ö	88.0
VAR	.0			.0	.0	.0	.0	.0	•0	.0	.0	ō	•0	.0	.0
CALM	4.8	.0	.0	.0	.0		.0	4.4	•0	.ŏ	•0	ò	4.8	•0	90.5
TOT PCT	5.2	2.5	.6	.0	•0	•0	.0	8.2	1.1	4.2	1.1	.0	•2	.0	85.8

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE			OTHER WEATHER PHENOMENA								
HOUR (GHT)	RAIN	RAIN SHWR	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPH PAST Hour	THDR LTNG	FOG WO PCPN	POG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW			
00603 06609 12615 18621	7.5 2.9 4.7 6.7	3.1 2.0 2.9 2.5	1.2 .0 .0	.0	.0	.0	.0 .0 .0	11.8 4.9 7.6 10.0	1.2 2.9 .6	1.0 7.6 6.7	.0 1.0 1.8 2.5	.0	•0		86.3 91.2 83.5 e7		
TOT PCT	5.6 553	2.7	.5	•0	•0	•0	•0	8.9	1.1	4.2	1.3	.0	•2	•0	85.4		

TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0+3			22-33		48+	TOTAL DBS	PCT FREQ	MEAN SPD	00	03	06	HOUR 09	(GHT) 12	15	18	21
N	2.3	3.8	.4	.0	.0	.0		6.6	5.4	4.0	9.7	2.3	10.2	7.8	7.4	4,3	4.7
NE	1.5	2.4	.0	.0	•0	•0		4.0	4.4	2.5	3.5	4.8	4.2	4.7	5.5	1.8	3.8
E	1.2	2.2	. 1	.0	.0	.0		3.6	4.7	1.4	3.1	3.6	2.7	5.8	5.5	2.7	2.4
\$ E	1.1	1.5	. 2	.0	.0	.0		2.8	5.2	3.0	3.5	1.5	2.4	3.2	2.4	1.8	3.8
Š	.9	2.4	. 2	.0	.0	.0		3.6	5.6	5.6	4.2	2.6	1.2	2.5	2.4	3.2	6.4
Šw	1.6	5.1		, v	.0	.0		7.5	6.2	13.0		7.7	4.2	6.0	3.2	12.4	9.2
Ň.	3.5	18.7	10.2	.8		.0		33.2	9.3	36.9	31.3	37.0	31.9	27.1	33.7	32.9	37.9
Ñ⊯	3.8	16.7	9.5	. 4		.0		30.4	9.0	29.1	30.0	36.5	37.7	33.3	26.3	34.7	21.3
VAR	.0	.0	.0	.0	.0	.0		.0	.0	.0	•0	.0	.0	•0	.0	.0	• 0
CALM	8.3			-	-			8.3	10	4.5	8.3	4.1	5.4	9.6	13.7	6.3	10.4
TOT CAS	331	718	291	17	1	0	1358		7.3	177	144	98	166	261	190	111	211
TOT PCT	24.4	57.9	21.4	1.3	• 1	•0	•	100.0							100.0		

### TARLE 3A

		WIND	SPEED	(KNDTS)						HOU	(GHT	)
WND DIR	0-6	7-16	17-27	28-40	41+	TOTAL	PCT	MEAN	00	06	12	18
						OBS	FREQ	SPD	03	09	15	21
N	4.5	2.1	•0	.0	.0		6.6	5.4	6,5	7.3	7.6	4.6
NE	3.4	- 6	.0	.0	.0		4.0	4.4	3.0	4.5	5.0	3.1
E	3.1	.5	.0	•0	.0		3.6	4.7	2.2	3.0	5.7	2.5
SE	2.2	.6	.1	ò	.ŏ		2.8	5.2	3.2	2.1	2.8	3.1
Š	2.5	1.1	.0	.0	.0		3.6	5.6	5.0	1.7	2.4	5.3
ŠW	5.0	2.3	ž				7.5	6.2	10.0	5.5	4.8	10.3
w"	12.0	17.5	3.6	.1			33.2	9.3	34,3	33.8	29.9	36.2
ÑW	11.4						30.4		29.5	37.2	30.4	25.9
		16.2	2.8	•1	.0			9.0				
VAR	.0	•0	•0	•0	.0		.0	.0	.0	.0	.0	•0
CALM	8.3						8.3	.0	4.2	4.9	11.3	9.0
TOT DBS	711	555	90	2	0	1358		7.3	321	264	451	322
TOT BCT	92.4	40.9	A.A		. ň	•	100.0			100.0		

5	FI	114	٧

PER 10D:	(PRIMARY)	1918-1973
	(DVFR-ALL)	1840-1973

TARLE 4 AREA 0013 SOUTHEAST JAVA SEA

					<b>.</b>		
PERCENTAGE	PREQUENCY	UF	MIND	SPEED	8 Y	HOUK	(GMT)

HOUR	CALH	1-3	4-10	#IND 11-21		KNOTS) 34-47	48+	MEAN	PCT FREQ	TOTAL DBS
00603	6.2	20.9	52.3	18.7	1.9	.0	.0	7.1	100.0	321
06609	4.9	11.7	54.9	26.5	1.5		.0		100.0	264
12615	11.3	17.1	51.4	20.0	.2	.0	.0		100.0	451
18621	9.0	13.4	53.7	22.0	1.9	.0	.0		100.0	322
TOT	113	218	718	291	17	ĭ	ŏ	7.3		1358
PCT	8.3	10.1	52.9	21.4	1.3	.i	.0		100.0	1336

TAPLE 5

<u>~</u>

TABLE 6

(	PCT FRE			CLOUD A		(EIGHTHS)			PERCEN	TAGE I	REQUEN	ICY OF	CE:LIN	G HEIG	HTS (	FT,NH :	>4/8)	
MND DIK	0-2	3-4	5-7	e € nBs¢n	TCTAL CBS	CDVER CDVER	000 149	15n 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499		8000+	NH <5/8 Any hgt	
N	.0	.8	.0	1.2		6.4	•0	•0	.0	.0	1.2			_	_	_	_	
NE	2.3	.0	. 8	.0		2.5	•0		ŏ			• 5	.0	•0	•0	•0	. 8	
	2.1	. 8	.8	•0						•0	.0	•0	•0	•0	•0	.0	3.1	
Š€						2.4	•0	•0	•0	•0	.0	.0	.0	•0	.0	.0	3.7	
35	.2	.0	.8	•0		4.4	•0	•0	.0	.0	.0	.0	.0	.0	•0	.0	1.0	
5	.0	. 8	.6	•0		4.7	•0	•0	.0	•0	.0		.0	•0				
SW	. 8	.0	2.9	1.7		6.2	•0	.0	.0						•0	•0	. 8	
¥	4.6	4.8	17.7	15.4		6.0					•0	. 2	, 6	. 8	•0	•0	2.9	
Ñd	6.9	2.9	15.0	13.3			•0	• 9		5.4	4.8	2.1	.0	•0	•0	.0	29.4	
VAR						5.7	•0			3.8	4.0	3.3	.0	•0	•0	.0	25.4	
	•0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0	.0	•0	•0		.0	
CALM	.8	1.5	. 5	•0		3.7	•0	•9	.0	.0	•0							
TOT OBS	23	15	51	41	130	5.6	ŏ	* 7	• • • •	13	13	•0	• 0	•0	• 6	.0	2.3	
TOT PCT	17.7	11.5	39.2	31.5	100.0			:	. :				i	1	1	0	90	130
			- / • £	24.03			•0	. 5	1.5	10.0	10.0	6.2	.8	. 8		-0	A9.2	100.0

TARLE 7

# CUMULATIVE PCT FREQ DF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NM >4/6) AND VSBY (NM)

				VSBY (NE	43			
CEILING	<ul><li>OR</li></ul>	= OR	= OR	= OR	= DR	• GR	- DR	• DR
(FEET)	>10	>5	>?	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	.8					.6	8	
■ DR >5000	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<ul> <li>□ DR &gt;3500</li> </ul>	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
■ DR >2000	6.9	8.5	8.5	8.5	1.5			
■ DR >1000	16.2	18.5	18.5	18.5	18.5	8.5	8.5	
• DR >600	21.5					18.5	18.5	18.5
		29.2	29.2	29.2	29.2	29.2	29.2	29.2
■ DR >300	21.5	30.8	30.8	30.8	30.8	30.5	30.8	30.8
<ul> <li>DR &gt;150</li> </ul>	21.5	31.5	31.5	31.5	31.5	31.5	31.5	
■ FR > 0	21.5	31.5	31.5					31.5
				31.5	31.5	31.5	31.5	31.5
TOTAL	28	41	41	41	41	41	4.1	4.1

TOTAL NUMBER OF OBS: 130 PCT FREQ NH <

## TABLE 7A

### PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 9 6 7 8 OBSCO OBS 4.3 14.3 14.3 23.6 12.1 -.1 7.9 3.6 12.9 .0 140

	ł		

								FFBI	LUARY						
PFR[UD:	(PRIMARY) 1 (OVER-ALL) 1										ARE	A 0013	SOUTHEAST JAVA SEA 6.35 112.9E		
			P	ERCENT						URRENCE ALUES				E OF	
	V584 (MN)		N	NE	E	SE	\$	Sw	¥	NW	VAR	CALM	PCT	TOTAL DBS	
	<1/2	PCP NO PCP TOT 4	.0	.0	•0	•0	•0	•0	.1	.1	•0	•0	.2		
	1/261	PCP NO PCP TOT %	.0	.0	•0	•0	•0	•0	.0	•0	.0	•0	.0		
	1<2	PCP NO PCP TOT %	.0	.0	•0	•0	•0	•0 •0	.0	.0	.0	•0	.0		
	2<5	PCP NO PCP TOT %	.0	.0	•0	•0	.0 .0	.9	, 5 , 4 , 9	.2 .4 .6	.0	•0 •2 •2	1.3		
	5<10	PCP ND PCP TOT %	1.4 1.4	.0 1.4 1.4	•2 •3 •5	1.5 1.5	.7 1.6 2.3	2.0 2.3	2,5 8,2 10,7	1.0 8.4 9.4	.0	1.0 1.2	4.8 26.0 30.8		
	10+	PCP NO PCP TOT %	7.7 2.8	2.5 2.7	3.6 3.7	.1 1.2 1.3	104 104	•0 4•7 4•7	21.3 21.8	1.3 24.4 25.7	•0	2.5 2.5	2.3 64.2 66.5		
		TOT OBS	4.3	4,3	4.2	2.6	2.6	7.5	33,5	35.6	•0	3.8	100.0	520	•

TABLE 9

							TABLE	7					
			1						VS WIL		EO		
VSBY (NM)	SPD KTS	N	NE	£	SE	S	SW	Ħ	NW	VAR	CALH	PCT	TOTAL Des
	3-3	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	
<1/2	4-10	• 1	.1	.0	.0	.1	.1	. 3	. 1	.0		. 6	
	11-21	.0	.0	•0	•0	•0	.0	.0	.0	.0		.0	
	22+	• 0	•0	.0	•0	.0	.0	.0	.0	.0		.0	
	TOT \$	•1	.2	•1	•0	.1	•1	.3	-1	.0	.0	. 8	
	0-3	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	•0	•0	•0	.0	.0	.0	•0	.0		.0	
	11-21	•0	•0	•0	.0	•0	.0	.2	•0	.0		.2	
	22+	٠0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	•0	•0	•0	•0	•0	.0	.2	•0	•0	.0	•5	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	.0	•0	.0	.1	.2	•1	.0	.0		, 3	
	11-21	.0	.0	•0	•0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	•0	•0	•0	.0	.0	.0	.0		.0	
	TOT \$	•0	.0	•0	.0	.1	.2	.1	.0	.0	•0	.3	
	0-3	.0	.0	.0	.0	.0	.2	-1	.1	.0	.3		
2<5	4-10	• 1	.1	•0	.0	.0	.5	.9	.7	.0		2.4	
	11-21	-1	•0	•0	•0	.0	.0	.4	.1	.0		.6	
	22+	.0	•0	•0	.0	.0	•0	.0	.0	.0		•0	
	TOT \$	.2	•1	•0	.0	.0	.7	1.4	.9	.0	.3	3.7	
	0-3	.3	.4	•1	.4	•1	.5	.2	.7	.0	1.1	3,9	
5<10	4-10		.5	• 2	.4	1.2	1.1	4.8	4.3	,0		13,3	
	11-21	.2	.0	•0	.1	.0	-1	2.2	1.1	.0		3,8	
	22+	.0	.0	•0	.0	.0	0	1	.1	.0		21.3	
	TOT \$	1.3	. 9	.3	1,0	1.3	1.7	7.3	6.3	•0	1.1	21.3	
	0-3	1.0	1.2	1.3	.6		1.1	3.3	3.4	.0	7.3	20.9	
10+	4-10	3.7	1.0	1.8	• •	• •	3.5	12.2	14.0	.0		38,2	
	11-21	.2	•0	• 2	•2	•1	.4	6.8	6.6	.0		14,5	
	22+	.0	.0	.0	.0	.0	0	1	0	•0		1	
	<b>TOT %</b>	5.6	3.0	3,4	1.2	1.7	4.9	22.5	24.0	.0	7.3	73.7	
	TOT DES	7.2	4.2	3.8	2.2	3.2	7.5	31.8	31.3	.0		100.0	892
						-16					•• /	10010	

PERRUARY

PERIOD: (PRIMARY) 1918-1973 (QVER-4LL) 1860-1973

TABLE 10

AREA 0013 SOUTHEAST JAVA SEA 6.35 112.9E

PERCENT	FREQUENCY OF CF	ILING HEIGHTS	(FEET, NH	>4/81	AN
	OCCURRENCE	OF NH <5/8 B	Y HOUR		

HOUR (GMT)	000 149	190 209	300 599		1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 Any hgt	TOTAL OBS
00203	.0	3.3	.0	10.0	13.3	10.0	.0	•0	.0	•0	36.7	63.3	30
90360	.0	.0	3.4	6.9	10.3	0.9	.0	•0	.0	•0	27.6	72.4	29
12615	.0	.0	2.9	11.4	5.7	8.6	.0	.0	.0	•0	28.6	71.4	35
18221	.0	.0	.0	11.6	9.3	•0	2.3	2.3	2.3	•0	27.9	72.1	43
TOT	0	1	. 2	. 14	13	. •	1	1	1	o	41	96	137

TABLE 11

TABLE 12

		PERCENT	FREQUE	CY VS81	(NM)	BY HOUR		CUMULAT					VSBY (NH)	
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
07603	, 9	.0	.4	3.1	17.9	77.7	224	00603	•0	3.6	17.9	25.0	57.1	28
06609	1.2	.6	.6	2.4	24.2	70.9	165	90360	.0	3.6	10.7	17.9	71.4	28
17615	,6	.3	.0	5.3	25.1	68.7	319	12615	•0	3.0	15.2	15.2	69.7	33
18621	.5	.0	.5	2.3	25.1	71.6	215	10621	•0	.0	12.2	17-1	70.7	41
TOT PCT	. 8	.2	.3	33 3.6	214	664 71.9	923 100.0	TOT PCT	.0	2.3	13.8	24 18,5	68 67.7	130

TABLE 13

TABLE 14

PERLINT FREQUENCY OF WIND DIRECTION BY TEMP  N NE E SE S SW W NW VAR CALM						
VAR CALM						
.0 .0 .0 .6 .0 3.3						
.0 .6						
.0 3.3						
.0 .						
.0 4.6						

TABLE 15

	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										PER	ENT FRE	QUENCY	OF RELA	TIVE H	UMIDITY	8Y #0U	R
HOUR (GHT)	MAX	99x	95%	50\$	5%	1%	MIN	MEAN	TOTAL DBS	HOUR (GHT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL 005
£0300		91 90	88 87	82 83	79 79	75 75	74 75	82.5 82.8	321 265	£0300 ₽0300	.0	.0	13.6	24.1 39.0	39.0		85 79	106
12615		86 84	85 83	82 81	78 77	76 75	74 74	81.7	453 325	12615 18621	.0	.0	•0	27.2	52.4 76.2	20.4	84 84	103
TOT	95	89	86	82	78	75	74	81.9	1364	TOT	ō	Ŏ	9	84	189	72	84	354

FEBRUARY

PEKIOD: (PRIMARY) 1918-1973 (DVER-ALL) 1860-1973

TABLE 17

AREA 0013 SOUTHEAST JAVA SEA 6.35 112.9F

PCT FRED OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	85	89	101	¥	Wū
THP DIF	74	80	84	86	92		FDG	#DG
7/8	.0	•0	.0	.0	.2	1	• •	.2
	.ŏ	.0	.ŏ	.0	. 5	Ž	•0	.5
6 5 4 3 2 1	.0	.0	.č	, 2	.2	2	•0	.5
7	ŏ	ŏ	.0	1.5	.2	2 7	ě	1.7
3		.0	.5	1.5	:5	10	•2	2.2
3	.0		. * *					
Z	.0	•0	4.2	2.0	.0	25	•2	6.0
1	.0	•0	6.2	2.7	.0	36	.7	8.2
0	.0	1.0	22.6	1.5	. 2	102	. 2	25.1
-i	.0	1.7	10,7	1,5	.0	56	•0	13.9
-2	.2	8.2		.0	.0	102	.0	25.4
-2 -3	.0	1.0	2.5	ŏ	.0	14	.0	3.5
					.5			
-4	.2	2.7	3.2	.0		25	•0	6.2
-5	.5	2.2	1.0	.0	.0	15	• 0	3.7
-6	.0	•7	٠.	.0	.0	3	.0	.7
-7/-6	.2	.2	.0	.0	.0	2	.0	.5
TOTAL	75	••	273	• -	ï	-	6	396
IUIAL	,	•	213		•		•	310
		72		44		402		
PCT	1.2	17.9	67.9	10.9	2.0	100.0	1.5	98.5

PERIOD: (OVER-ALL) 1963-1973

									• •						
				PC	Y FRED D	F WIND	SPEED	SKTS1 AND	DIREC	Y MOLT	ERSUS S	EA HEIG	HTS (FT)	•	
				N								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.9	.0	•0	•0	•0	.9		.0	.0	.0	•0	•0	.0	•0
1-2	.0	. 9	•0	.0	•0	.0	. 9		•0	2.4	•0	.0	• •	.0	2.4
3-4	.0	.0	•0	.0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0
5-6	.0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	.0	•0
.7_	٠.	.0	•0	.0	•0	.0	•0		•0	.0	•0	•0	•0	•0	•0
8-9	.0	.0	•0	.0	.0	•0	•0		.0	.0	.0	•0	•0	•0	•0
10-11	.0	:0		.0			.0		.0	.0			.0	.0	.0
12 13-16	.5	.0	•0	.0	.0	•0	.0		ŏ	.0	•0	•0	•0	:ŏ	ě
17-19	ö	.ŏ	.0	:0	٠٥	.ŏ	.0		ŏ	ŏ	.0	.0		ö	.ŏ
20-22	.0		•0		ŏ		.0		ŏ	.0	ě		•0	.0	•0
23-25	.ŏ		.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	•0
26-32	.0	.ŏ	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
33-40	. 0	.0	.0	.0	.0	.0	.0		.0	.0	.0	•0	•0	•0	•0
41-48	.0	.0	•0	.0	.0	.0	.0		•0	•0	.0	.0	•0	•0	•0
49-00	.0	.0	.0	.0	.0	.0	.0		•0	.0	•0	.0	•0	•0	•0
61-70	.0	.0	•0	.0	•0	.0	.0		•0	•0	.0	•0	•0	.0	•0
71-86	.0	.0	•0	.0	.0	.0	•0		•0	•0	.0	•0	•0	•0	•0
87+	.0	.0	•0	٠٥.	.0	•0	.0		•0	.0	•0	.0	•0	•0	•0
TOT PCT	•0	1.8	•0	.0	.0	•0	1.8		•0	2.4	•0	•0	•0	•0	2.4
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	46+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	•0
1-2	.0	.0	•0	.0	.0	.0	.0		.0	1,2	.0	.0	•0	.0	1.2
3-4	.0	.0	•0	.0	.0	٠٥.	.0		• 0	•0	•0	•0	•0	•0	•0
5-6	.0	.0	•0	•0	.0	.0	•0		•0	.0	•0	•0	•0	•0	•0
7	• 0	.0	•0	.0	.0	.0	•0		•0	•0	•0	•0	•0	•0	•0
1-9	•0	.0	•0	•0	•0	.0	•0		•0	.0	•0	•0	•0	• ŏ	•0
10-11	٠٥.	.0	•0	.0	.0	.0	.0		.0	:0	.0	.0	•0	.0	.0
12 13-16	.0	:0	.0	:0	:6	.0	.0		.0		.0	:0	•0		
17-19	؞؞	.ŏ	.0	.ŏ			ŏ		.0	.0	.ŏ	.0			.0
20-22	٥		ŏ		٠٥		ě		ě	.0			.0		.0
23-25	:0		.0	.ŏ			ŏ		.0	ŏ	ö			.0	.0
26-32	:5	i.č	.0	.6	ō	.ŏ	.0		. 0	, 0	.0	.0	•0	.0	•0
33-40	ō	.ŏ	.0		ŏ	.0	.0		Ö	.0	.ŏ		•0	.0	.0
41-48	ŏ	.o	.0	,õ	.0	.ŏ	,0		. 0	.0	.0		.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0		,0	:0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	•0	•0
71-85	.0	.0	•0	.0	.0	.0	.0		.0	•0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	•0
TOT PCT	.0	.0	.0	.0	.0	.0	.0		•0	1.2	.0	.0	•0	.0	1.2

968100	): /Nus	£	1963-	1079					FEBRU	ARY							
FE-100		H-M(1)	17030	1413				TABLE	18 (	CONT	,			AREA		SOUTHE? 35 112	ABE AVAL TRA
				PC	T FREQ C	F WIND	SPEED	(KTS)	AND	DIRE	ETION	VERSUS :	EA HEI	SHTS (FT)			
HGT	1-3	4-10	11-21	5 22-33	34-67	48+	PCT			1-3	4-10	11-21	5H 22-33	34-47	48+		
<1	.0	.0	•0	.0	.0	.0					45.0		.0	.0	.0	PCT	
1-2	.0	.0	•0	•0	.0	.0	.0			ž	4.0		:6	•0	::	4.3	
3-4	•0	.0	•0	.0	•0	.0	.0			ō	.0			.0	.ö	7.6	
5-6	•0	.0	•0	•0	.0	.0	.0			.0	.0	.0		.0		.0	
7	•0	.0	•0	.0	.0	.0	•0			.0	.0		.0	•0	.0	.0	
10-11	.0	.0	•0	.0	.0	.0	•0			• 0	.0	.0	.0	•0	.0	•0	
12	.0	.0	•0	.0	.0	•0	•0			•0	•0	.0	.0	•0	.0	.0	
13-16	.0	.0	•0	•0	•0	•0	•0			•0	•0	.0	.0	•0	.0	•0	
17-19	.0	.0	•0	.0	.0	•0	•0			•0	•0	•0	•0	•0	.0	•0	
20-22		.č	•0	٥.		.0	•0			• 2	•0	•0	.0	•0	.0	•0	
23-25	.0	.ŏ		:0	ĕ	.0	•0			•0	•?	•0	•0	•0	.0	•0	
26-32	.0	•0	•0		.0		.0			.0	.0	.0	•0	•0	.0	•0	
33-40	.0	.0	.0		ŏ		.0			.0	•0		•0	•0	.0	•0	
41-48	.0	.0	.0	.0	.0	.5	.0			ŏ	ő	.0	•0	•0	.0	•0	
49-60	.0	.0	.0	.0	.0	•0	•0			ò	.0	.0	.0	•0	.0	•0	
61-70	.0	.0	•0	.0	.0	•0	.0			ŏ	.0	.0	.0	•0		•0 •0	
71-86	•0	.0	•0	•0	.0	•0	.0			.0	.0			•0		.0	
87+	•0	.0	•0	•0	.0	• 0	.0			.0	.0	.ŏ		•		.0	
TOT PCT	.0	.0	•0	•0	.0	•0	.0			.3	4.0	.0	.0	•0	.0	4.3	
				W									NH.				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		:	1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	••	• • •	•0	.0	•0	•0	1.0			. 3	4.3	.0	.0	•0	.0	4.6	-61
1-2 3-4	• •	7.1	6.1	.0	٠.	.0	16.0		:	2.4	9.8	6.1	.0	.0	.0	18.3	
5-6	.0	4.6	12.8	•0	.0	•0	17.4			• 0	0.4	16.5	.0	•0	.0	22.9	
77		.0		•0	.0	•0	4.9			•0	1.2	1.2	.0	•0	.0	2.4	
			•0	•0	.0	•0	•0			•0	•0	•0	.0	•0	.0	•0	
10-11		.0	•0	.0	.0	.0	•0			•0	•0	•0	• • •	•0	.0	.0	
12		.ŏ	•0	.0	ŏ	.0	•0			.0	.0	•0	•0	•0	.0	.0	
13-16	.0	.0	.0	.0	ŏ					•0	.0	•0	.0	•0	.0	•0	
17-19	.0	.0	ő		ő	ě	•0			•0	.0	•0	•0	•0	.0	•0	
20-22	.c	.0	• 0	.0	.0		.0			.0	.0	•0	.0	•0	•0	•0	
23-25	.0	.0	•0	.0	.0	.0				.0	.0	.0	.0	•0	.0	•0	
26-32	.0	.0	.0	.0	.0	.0				·ŏ	ŏ	.0	.0	•0	.0	•0	
33-40	.0	.0	•0	•0	.0	.0	.0			.0	.0	.0	.0	•0	.0	•0	
41-48	.0	.0	•0	.0	.0	•0	.0			.0	.0	.0	.0	•0	.0	:0	
49-60	•0	.0	• 0	.0	•0	.0	.0			.0	.5	.ŏ	.0	•5	.0	.0	
61-70	.0	.0	•0	-0	.0	•0	.0			.0	.0	.0	.0	.0		•0	
71-86	.0	.0	•0	•0	.0	•0	•0			.0	.0	.0	.0	•0	.0	.0	
87+	0	0	0	.0	•0	•0	•0			•0	.0	.0	.0	•0	.0	.0	
TOT PCT	1.0	15.2	23.8	•0	.0	•0	40.9		1	.7	21.6	23.8	.0	•0		48.2	98.8

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,., \$\$

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-39	34-47	48+	PCT	TOT
€1	3.6	6.0	.0	.0	.0	.0	9.6	OBS
1-2	3.6	27.7	12.0	. 0	.0	.0	43.4	
3-4	•0	10.8	28.9	. č			39	
5-6	.0	1.2	6.7	.0		.0	7	
7	.0	0		.,		.0		
8-9							•0	
10-11	:6			•0	.0	•0	٠0	
		.0	٠.	•0	•0	•0	.c	
12	.0	•0	.0	.0	.0	.0	.0	
13-16	.0	•0	.0	•0	.0	.0	.0	
17-19	.0	•0	.0	.0	.0	.0	.0	
20-22	.0	•0	.c	.0	.0	.0	.0	
23-25	•0	.0	.0	.0	.0	.0		
26-32	.0	.0	.0	.0	.0		.6	
33-40	.0	.0	.0	.0	.0			
41-48	.0	.ŏ		.0				
49-60		.č				.0	.0	
61-70	.0			•0	.0	•0	•0	
		•0	٠.	•0	•0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	•0	
87+	. U	•0	.0	•0	.0	.0	.0	
TET PET	7.2	45.8	47.0	.0	.0	.0	100.0	83

PERIOD: (OVER-ALL) 1949-1973 6-9 10-11 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 7.4 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 5-6 7.4 9.1 .0 .0 .0 .0 .0 87+ .0 .0 .0 .0 .0 .0 31.4 1.7 .0 .0 .0 .0 .0 .0 28.9 9.9 .0 .0 .0 .0 .0 47 .8 0000000000 ....... ......... 000000000 000000000 ........ ......... ....... .0000000000 ........ 0000000000 ........

PERCENT F	REQUENCY	ΩF	MEATHER	OCCURRENCE	37	WIND	DIRECTION

				•											
			,	RECIPI	DITAT	N TYPE					OTHER	WEATHER	PHEND	HENA	
WND DIR	RAIN	RAIN SHWR	CRTL	FRZG PCPN	SNOW	OTHER FRIN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG GUST BLWG SNOW	NO SIG WEA
N	8.5	.0	.0	.0	.0	.0	.0	8.5	.0	1.0	7.5	.0	•0	•0	02.1
NE	1.6	.0	3.2	.0	.0	.0	.0	4.8	.0	6.4	.0	.0	•0	•0	88.8
E	1.4	2.6	.0	.0	.0	.0	.0	4.3	.0	9.2	.0	.0	.0	•0	67.9
ŠE	6.2	6.2	.0	.0	.0	.0	.c	12.3	3.1	3.8	.0	.0	•0	•0	63.8
Š	36.4		.0	.0	.0	.0	.0	36.4	.0	11.7	•0	.0	•0	• 0	59.7
Šw	13.3	14.5	.0	.0	.0	.0	.0	27.7	.0	2.4	1.2	.0	.0	•0	69.9
¥	5.4	4.4			.0	.0	.0	9.8	1.2	3.5	.3	ŏ	.0	•0	85.5
Nw	3.2	0.3		.0	.0	.0		11.4	2.2	3.4	1.0	ŏ	1.0	.0	01.0
V.R							:6		.0	ō	•••	ŏ	•0	•0	.0
CALM	5.9	.ŏ	.0	.0	.0		.c	3. Š	2.9	ě	.0	. o	2.9	•0	88.2
CALF	3.7	••	.0		• •		••	3.7	4.7	••	••	••	2.,	••	****
TOT PCT	6.6	5.1	.2	.0	•0	.0	.0	11.9	1.*	4.0	.8	.0	.4	•0	92.4

TARLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO		STHER								
HOUR (GMT)	RAIN	RAIN SHWR	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST Hour	THOR	FDG WD PCPN	FOG WO PCPN PAST H®		SPRAY BLMG DUST BLMG SNOW	ND SIG REA
0003 0609 1215 1821	6.0 4.2 9.4 8.6	3.4 3.4 5.0 8.6	.0	.0	.0	.0	.0	9.4 7.6 15.4 18.0	4.3 .8 .0	.0 .0 .1 7.0	1.7 .8 1.3 1.6	.0	.9 .0 .7	.0 .0 .0	83.8 90.7 75.8 75.0
TOT PCT	7.2 512	5.5	.2	.0	•0	.0	.0	12.9	1.2	4.1	1.4	.0	.4	•0	80.9

TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		wI?	10 SPE	ED EKN	OT\$)								HOUR	(GHT)			
HND DIR	7-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT FRFQ	SPD	00	03	06	<b>09</b>	12	15	18	51
N NE	2.1	4.2	.5	.0	.0	•0		6.7	5.3 5.0	3.1 5.9	5.0	5.7	15.4	8.7 6.3	5 · 1 5 · 8	7.4	3.9
E	1.9	4.2	.7	.0	.0	.0		6.8	5.9	5.4 7.9	7. ó 3. 5	7.1	2.7 3.1	9.5	8.0	4.8	9.7
S F S	1.6	2.9	.3	.0		•0		4.0	6.6	5.6	4.2	1.1	.3	3.6	4.4	4.8	6.1
S W	1.9	5.5 17.5	4.8	. 5	•0	•0		28.1	8.0	16.0 30.7	6.2 31.7	5.8 34.8	25.7	24.5	9.6 27.2	6.9 23.3	12.1 30.1
VAR	3.2	13.3	4.4		.0	•0		21.2	7.7	18.5	25.7	17.9	33.6	21.6	16.6	23.1	16.3
CALM	12.1	687	159	-	-	٥	1215	12.2	6.1	6.8	8.9 101	14.1	6.8 146	16.7	13.2	18.1	12.1
TOT CBS	20.5	54.5	13-1	10	-0	.0	1213	100.0	0.1				100.0				

### TABLE 3A

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL DBS	PCT FREQ	MEAN SPD	00	HDUR 06 09	(GMT) 12 15	16 21
N	5.2	1.4	•2	.0	.0		6.7	5.3	3.8	11.7	7.1	5.1
NE	4.6	1.4	.0	.0	.0		5.9	5.0	6.3	●.0	0.1	3.9
F	4.5	2.3	.0	.0	.0		6.8	5.9	6.4	4.4	9.2	5.9
SE	4.6	2.1	.0	.0	.0		6,7	5.7	6.2	5.0	6.6	8.5
ś	2.2	1.8	•0	·ŏ	.0		4.0	6.6	5.1	.6	4.1	5.0
ÝΨ	5.3	2.7	.3	.0	.ŏ		P.3	6.4	12.2	3.9	1.1	10.4
									31.1	29.2	25.7	27.8
¥	13.4	12.7	1.9	• 2	•0		28.1	●.0				
NW	11.0	9.1	1.1	.0	.0		21.2	7.7	21.3	27.5	19.4	18.6
VAR	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	12.2						12.2	, o	7.6	9.7	15.1	14.1
TOT DAS	765	406	42	,	0	1215		6.3	262	238	404	311
TOT PCT	43.0	33.4	3,5	• 2	.ŏ		100.0	•	100.0		100.0	

PERIOD: (PRIMARY) 1921-1973 (OVER-ALL) 1860-1973

TARLE 4

AREA 0013 SDUTHEAST JAVA SEA 6.25 112.88

PERCENTAGE	FREQUENCY	0#	MIND	SPEED	HEIST	CHT

HUUR	CALM	1-3	4-10	wIND 11-21	SPEED 1	(KNOTS) 34-47	48+	MEAN	PCT FREQ	TOTAL
00603 00609 12615 18621 TOT PCT	7.6 9.7 15.1 14.1 148 12.2	19.1 14.7 20.3 14.5 212 17.4	57.6 58.0 52.2 59.8 686 56.5	14.9 16.8 11.6 10.6 159	.8 .7 1.0 10	.0	• • • • • • • • • • • • • • • • • • • •	6.7 5.6	100.0 100.0 100.0 100.0	262 238 404 311 1215

TARLE 5

TABLE 6

							ANCE O											
	PCT FREG OF TOTAL CLUUD AMOUNT (EIGHTHS) BY MIND DIRECTION DIR 0-2 3-4 5-7 8 C TOTAL CLOUD							PERCENTAGE PREQUENCY OF CEILING HEIGHTS (FT,NH >4/8) AND OCCUPAENCE OF NH <5/8 BY MIND DIRECTION										
WND DIR	0-2	3-4	5-7	8 E 08500	TOTAL	COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH 45/8	
N NE E SE S N N VAR CALM TOT 1985	2.0 2.0 1.3 2.0 1.3 4.4 18 13.1	1.1 3.1 .7 1.5 .0 .0 6.9 2.7 .0 5.8 30 21.9	3.1 3.5 5.7 1.1 2.0 5.3 15.3 10.8 .0 4.4 70 51.1	•0	137 100.0	5.9 4.7 3.1 7.0 5.9 5.7 5.8 .0 3.5 5.2	.0	000000000000000	00000000000000	.7 .0 .0 .7 1.5 2.9 .0 .0	1.1 1.6 .5 .0 .7 .7 3.3 2.2 .0 1.5 16	3 · 1 · 2 · 0 · 7 · 7 · 7 · 5 · 1	00 00 00 105 105 00 4		•0	.7 .0 .0 .0 .0 .7 .0 .0	3.3 4.4 7.7 5.1 2.0 3.5 20.4 14.2 .0 11.7 99 72.3	137

TARLE 7

CUMULATIVE PCT FREG OF SIMULTANEOUS DECURRENCE OF CEILING HEIGHT ('H) \$4/8) AND VSBY (NM)

CEILING	- CR	• CR	■ DR	VSRY (NE		_		
(FEET)	>10	>3	\$<	= 7R >1	+ DR >1/2	• CR	= DR	= DR
				71	72/2	>1/4	>50YD	>0
<ul> <li>ne &gt;6500</li> </ul>	1.4	1.4	1.4	1.4	1.4	1.4		
■ DR >5000	1.4	1.4	1.4	1.4			1.4	1.4
<ul> <li>GR ≥3500</li> </ul>					1.4	1.4	1.4	1.4
	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
• DR >2000	8.6	9.4	9.4	9.4	9.4			
• TR >1000	20.1	20.9				9.4	9.4	9.4
			20.9	20.9	20.9	20.9	20.9	20.9
• DR >600	25.9	26.6	27.3	27.3	27.3	27.3	27.3	
● FR >300	25.9	26.6	27.3	27.3	27.3			27.3
= DR >150	25.9					27.3	27.3	27.3
		26.6	27.3	27.3	27.3	27.3	27.3	27.3
- OF > 0	75.9	26.6	27.3	27.3	27.3	27.3		
TOTAL	36	37	38				27.3	27.3
	,,,	21	<b>9</b>	38	38	3.0	3.	2.0

TOTAL NUMBER OF OBS1 139

PCT FREQ NH <5/81 72.7

TABLE 74

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

7 1 2 3 4 5 6 7 8 DBSCD DBS 4-3 11-7 24-2 19-3 15-5 11-8 4-8 4-3 2-5 0 161

MARCH PERICO: (PRIMARY) 1921-1973 (OVER-4LL) 1860-1973 AREA 0013 SDUTHEAST JAVA SEA 6.25 112.8E VSBY (MH) PCP ≪1/2 NO PCP TOT % .0 PCP 1/2<1 ND PCP TOT % 000 000 .0 .00 .0 .0 .0 .3 .5 .9 .02.2 2<5 1.9 1.9 2.2 2.7 2.2 7.6 2.2 .0 3.0 4.4 4.9 3.2 4.4 4.9 .0 4.1 4.1 3.9 17.8 4.4 18.4

TABLE 9

7.2 100.0

								. ,					
				PERCE	NT FRE	Q OF W VATYIN	IND D	RECTI	ON VS WI VISIBLE	ND SP	EED		
V\$8Y (N4)	SPD KTS	N	NE	£		s			M NK	VAR	CALM	PCT	TOTAL
	0-3	.0	.0	.0		_							DRS
<1/2	4-10	.0	.3	:0	•0	.0				.0	-1	,3	
	11-21	:0	:0		.2	.1	• 1			.õ		1.5	
	22+	.0		•0	•0	.0	• 0		1 .1	.0		".í	
	TOT &	.0	•0	•0	.0	.0	.0		٠, ١	,0		.0	
		••	.3	•0	•2	.1	٠2				- 2	1.9	
	J-3	.0	•0	.0	.0	.0					- •	•••	
1/2<1	<b>10</b>	.0	.0		.0		.0		•••	.0	-0	.0	
	11-21	.0	•0	.ŏ	.0	• 0	.1			.0		. 1	
	22+	.0	.5	.0	.0	٠,	•0			.0		ã	
	TOT %	.0	.0	.0		•0	•0			.0		.õ	
		•••	•0	.0	.0	.0	• 1	. 2	•0	.0	•0	.i	
	0-3	•0	•0	.0	•0	.0	.0	.0		_			
1<2	4-10	.0	.0	.0	.0	.0		.3		٠.	•0	.0	
	11-21	.0	.0	.0	.0	ĭ				.0		.6	
	22+	•0	• 0	.0	.0	ö		•0		.0		.1	
	TOT #	.0	.0	.0	.0		•0	.0		.0		,0	
			•	••	•0	•1	•1	. 3	.3	.0	.0	, i	
2<5	0~3 4~10	• 1	•0	.0	.0	.0	•0	. 3	-2	.0	_	_	
213		•2	•0	•0	.0		.1				-0	. 5	
	11-21	•0	.0	.0	.0		ä	.3	• •	•0		1.4	
	55+	.0	.0	.0	.0	.0	.0		•1	•0		,5	
	TOT \$	.3	.0	.0	·ŏ		:2	1.1	•0	•0		.0	
		_			•••	••	• 6	1.1	•7	.0	-0	2.4	
5<10	0-3	.3	. 6	. 3	.5	.1	.5	1.3					
2610	4-10	1.1	.9	.7	. 9	1.0	1.6	3.2		•0	2.0	6.4	
	11-21	. 1	٠٥	. 5	.3		.3	1.1	3.4	•0		14,9	
	22+	.0	•0	.0	.0	.0	.6	*: ž	1.2	٠٥.		3,8	
	TOT \$	1.5	1.5	1.5	1.8	1.4	2.5		.2	•0		.4	
				***	•••	4.4	2.7	7.7	5.6	•0	2.0	25,4	
	0-3	1.3	1.2	1.0	•6	.3	1.2	2.5	• .	_			
10+	4-10	3.4	3.0	3.4	3.8	1.3	3.6	12.6	2.4	•0	9.5	20,0	
	11-21	•2	.0	.1	.1			14.0	10.2	.0		41.9	
	2 <b>2</b> +	.0	.0		:6		• 2	4.1	2.9	•0		7.6	
	TOT %	4.9	4.2	4.5	4.5	.•0	0	0	•0	٠.		.0	
_				7.5	707	1.7	5.1	19.3	15.6	٠٥.	9.6	69,5	
	T Das												
T	OT PCT	6.7	6.0	6.0	4.4	3.3	8-1	29.1	22.5	.0	11.0	00.0	800

Ü	Ō	0
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HARCH

PERIOD: (PRIMARY) 1921-1973 (OVER-ALL) 1860-1973

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TABLE 10

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.8E

PERCENT FREQUENCY UF CRICING HEIGHTS (FEET,NH >4/8) AND DECURRENCE OF NH <5/8 BY HOUR

HOUR (GHT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00603	.0	.0	•0	8.3	10.7	•0	2.6	•0	.0	•0	27.8	72.2	36
90360	.0	•0	•0	2.9	8.6	5.7	2.9	•0	.0	•0	20.0	80.0	35
12615	.0	.0	.0	4.3	8.5	2.1	2.1	.0	.0	2.1	19.1	80.9	47
10621	.0	•0	.0	7.5	7.5	10.0	2.5	•0	.0	2.5	30.0	70.0	40
TOT	0	0	0	. !	. 16	. 7	. •	0	0	. 2	. 38	120	158

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VSBY	(NM)	BY HOUR		CUMULAT					(M/) YB&V RUCH YB&C	AND/OR
HOUR (GMT)	<1/2	1/2<1	147	2<5	5<10	10+	TOTAL CRS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
E0300	1.1	.0	.6	.6	27.8	70.0	180	60300	.0	.0	9.4	21.9	68.8	32
90360	1.2	.0	•*	2.4	28.5	67.3	165	90300	•0	.0	3.6	21.4	75:0	28
12615	2.5	.4	1.1	3.9	24.2	68.0	281	12615	•0	.0	6.5	15.2	78.3	46
18671	1.9	.0	.5	1.9	31.2	64.7	215	18621	.0	.0	9.1	27.3	63.6	33
TOT PCT	15 1.6	.1	.7	20 2•4	232 27.6	367 67.4	841 100.0	TOT PCT	•0	.0		29 20.9	100 71.9	139 100•0

TARLE 13

TABLE 14

					-											• • •				
	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP  TOTAL PC  TEMP F 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 DBS PRE												ENT FR	EQUENC	V OF W	IND DI	RECTIO	N BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	085	PREQ	N	NE	E	SE	S	SW	H	NW	VAR	CALM
90/94	.0	.0	.0	•0	7	.0	.0	•0	2	.7	•0	.0	.4	.4	.0	.0	.0	.0	•0	.0
85/89	.0	.0	.0	•0	1.1	7.4	1.1	1.1	30	10.6	.7	.,	.9	.9	.4	.1	3.2	2.6	•0	1.1
80/84	.0	.0	.0	.7	4	25.4	41.9		225		5.2	3.1	6.1	4.2	3.3	6.6	23.1	19.3	•0	7.7
75/79	.0	.0	.0			.7	1.8	7.0	27	9.5	.3	.0	.2	1.1	.5	2.1	2.9	2.1	٠ŏ	.4
TOTAL	٥	0	٥	2	6	95	127	54	284	100.0										
PCT	.0	.0	.0	.7	2.1	33.5	44.7	19.0			6.2	4.7	7.5	6.5	4.1	1.1	29.1	23.9	.0	9.2

TABLE 15
MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

TABLE 16

HOUR	MAX	991	95%	50%	51	18	MIN	MEAN	TOTAL
(GMT)									085
£0300	91	88	86	82	79	76	72	82.1	264
90300	91	89		43	79	77	76	83.1	237
12615	87	87	85	82	79	77	73	81.9	408
18621	87	86	84	61	78	75	73	81.1	315
TOT	91	88	86	82	78	76	72	81.9	1224

PERIOD: (PRIMARY) 1921-1973 (DVER-ALL) 1860-1973

TABLE 17

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.8E

AIR-SEA THP DIF	69 72	73 76			85	92	10+	# FGG	≠DC #D	
		_		•		**		A.10	-06	
11/13	.0	•0	.0	.0	.0	.3	1	•0	.3	
7/8	.0	• 0	.0	.0	.3	.0	i		.3	
6	.0	.0				.3	;		. 5	
5	.0	+0				.0	•			
ž	.0	.0			1.8	. 5		•0	. 5	
i					2.0		15	•0	3.1	
5	.0					•0		•0	2.3	
•		•0		5.3	2.8	.3	33	•0	8.4	
	•0	•0		6.6	1.0	.c	33	.3	8.1	
o o	.0	•0	1.0	18.6	1.0	•0	61		19.8	
-1	.0	•0	2.0	12.7		.0	61	.3	15.3	
-2	.0	•0	4.1	17.8	.3	.0	87	.0	22.1	
-3	.0		2.5	3.4	.0	.0	25	.3	6.1	
-4	.0	•0	4.8	3.1	. 3	.0	32	.3	7.9	
-5	.0	.5	1.0	.0	•0	•0	76		1.5	
-6	.0	.3		ŏ	.0	č	ž			
-7/-8	.0	. 5		ŏ		.0	5	٠0	. • 5	
-11/-13	. 3							•0	1.3	
JATOT	• •	•0	.0	•0	.0	.0	1	•0	.3	
ILIME	1		68		43	_		7	386	
	_	. 5		271		5	393			
PCT	. 3	1.3	17.3	67.0	10.9	1,3	100.0	1.8	98.2	

PERIOD: (DVER-ALL) 1963-1973

TABLE 18

				P	T FREC	OF WIND	SPEED	(KTS)	AND DIREC	TION V	FRSUS S	EA HEI	SHTS (FT	,	
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT		1=3			NE			
<1	.5	1.2	.0	.0	.0	0	1.2		1.2	4-10	11-21	22-33	34-47	48+	PCT
1-7	.0	2.8	1.2		.0	• 6	4.0		1.3	6.5	.0	•0	•0	.0	1.2
3-4	•0		0		ໍ້າ	.0	• 0		• 0		•0	•0	•0	•0	6.8
5-6	.0	.0		·ŏ		.0	ĕ		.0	.0	•0	.0	•0	.0	•0
7	.0	.0	.0	.0	.č	•0	.0		.0	.0	•0	•0	•0	•0	•0
8-9	.0	.0	.0	.5		•0	.0		•0	٠٥	•0	.0	•0	•0	•0
10-11	.0	.0	.0	.0	.0	•0	ŏ		.0	.0	•0	•0	•0	.0	•0
12	•0	.0	.0	.0	.0	•0	.0		ň	.0	.0	• 5	•0	.0	•0
13-16	.0	.0	.0	.0	.0	•0	.č		ő	.0		•0	•0	•0	.0
17-19	• 5	.0	.0	•0	.0	•0	.0		.0	ŏ	•0	•0	•0	•0	.0
20-22	• C	.0	.0	.0	.0	•0	.0		.0	ŏ	•0			•0	•0
23-25	.0	.0	.0	.0	.0	• 0	.0		ěŏ		.0	.0	•0	.0	•0
26-32	•0	.0	• 0	. 5	.0	•0	•0		.0	.0	.0	.0	.0	.0	• 0
33-40	.0	.0	۸,	.0	.0	• 0	č		š	ě	•0	.0	.0	.0	•0
41-48	• 0	.0	,,	.0	.0	• 0	.0		.0	.0	.0	.0	•0	٠.	•0
49-60	•0	.0	•0	•0	.0	•0			•0	٥	•0	•0	•0	.0	•0
61-70	•0	•0	.0	•¢	.0	•0	.0				•0	.0	•0	•0	•0
71-86	•0	.0	.0	•0	.0	•0	.0		.0		•0	.0	•0	-0	•0
87+	•0	.0	.0	.0	.0	•0	.0		ŏ		.0	.0	.0	•0	•0
TOT PCT	• C	4.0	2.2		.0	•0	6.2		1.5	6.5	•0	•0	•0	.0	•0
						· <del>-</del>	- • • •		•••	•••	••	•0	•0	.0	8.0
HGT	1-3	4-10	11-21	£ 22-33	34-47	48+	PCT		1=3	<b>4-10</b>	11-21	SE 22-33	34-47	48+	
<1	• 0	.9	.0	.0	.0	.0	. 9		.0	1.5	.0				PCT
1-2	. 9	4.6	.0	.0	.0		5.6		ň	1.5	1.2	.0	.0	.0	1.5
3-4	.0	.0	.0	.0	.0	.0			ő	.0	••	.0		•0	2.8
5-6	.0	•0	•0	.0	.0	•0	.0		ò	ě	ŏ	:0	.0	•0	•0
7_	.0	.0	•0	.0	.0	1	•0		.0	ò	.0	.0	.0	.0	.0
8-9	• 2	•0	•0	.0	.0	•0	.0		.0	.0	.0		.5	.0	.0
10-11	• 0	.0	.0	•0	.0	•0	.0		.0	.0	.0		.0	:0	•0
. 12	• 0	•0	•0	•0	.0	•0	•0		.0	.0	•0	.0	•0	.ŏ	.0
13-16	•0	.0	•0	•0	• 2	•0	.0		'n	.0	.5	.0	ŏ	.0	•0
17-19	•0	.0	•0	•0	.0	•0	•0		.0	•0	.0	.0	.0	:0	
20-22	•0	•0	•0	•0	.0	•0	• 0		.0	.0	.0		.0	ě	ò
23-25	•0	.0	.0	•0	.0	.0	.0		.0	.0			.0	.0	.0
26-32	•0	.0	•0	•0	•0	•0	.0		.0	.0	•0			.ŏ	
33-40	•0	•0	•0	•0	•0	•0	.0		.0	.0	.0	č	ě	:0	.0
41-48	•0	.0	•0	.0	.0	•0	.0		.0	.0			ě	ö	.0
49-60	•0	.0	•0	•0	•0	•0	•0		ō	.0	.0	.0		:0	•0
61-70	•0	.0	•0	•0	.0	•0	.0		.0	.0		.0	.0	:8	•0
71-66	•0	.0	•0	.0	.0	•0	.0		.0	ŏ	.0	.0	ě	:ŏ	.0
87+	•0	.0	•0	•0	•0	•0	.0		ō	ŏ	.ŏ	.0	•0		.0
TOT PCT	. 9	5.6	•0	-0	.0	•0	6.5		.0	3.1	1.2	.6	.5		4.3
									-					•••	4

PERICO	Inus		1043-1	673				MARCH				AREA	0013 5	DUTHEA	ST JAVA SE
PE-100		N-866;	.,,,,,					TABLE 18 (CONT	,					\$ 112	
				PC	T FREO	OF WIND	SPEED	(KTS) AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT	1		
HGT	1-3	4-10	11-21	5 27-13	34-47	48+	PCT	1-3	4=10	11-21	\$W 22-13	34-47	46+	PCT	
MG:	1.2	.0	11-21	.0	.0	7.0	1.2	.0	3		.0	.0	.0	. 3	
1-2		1.2	•0	.0	.ŏ	.0	1.2	.0	3.4		.0	٥٠	.0	3.4	
3-4	ě		.0	.5				ě	.0	š		ŏ	·ŏ	3	
5-6		.0	.0		.0	.0		.0	1.2	.0		.0	.0	1.2	
7	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	, D	.5	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	
12	.0	.0	•0	.0	.0	•0	.0	.0	•0	.0	.0	.0	.0	٠.	
13-16	.0	.0	•0	.0	.0	-0	.0	•0	•0	•0	•0	•0	.0	•0	
17-19	.0	.0	.0	.0	.0	.0	•0	•0	•0	.0	.0	•0	.0	•0	
20-22	•0	.0	•0	•0	.c	.0	.0	•0	.0	.0	•0	•0	•0	.0	
23-25	•0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	.0	.0	
26-32	.0	.0	•0	•0	.0	•0	.0		,0	.0	.0	•0	.0	•0	
33-40	•0	.0	•0	.0	•ū	•0	•0		•0	•0	.0	,0	.0	•0	
41-48	•0	.0	•0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0	
49-00	• 0	.0	•0	•0	•0	•0	•0		•0	•0	.0	•0	•0	•0	
61-70 71-86	.5	.0	•0	.0	.0	•0	.0	.0	.0	:0	.0	•0	:0	•0	
47+			.0	.0	.0	:	ö		.0	:0			:0	.0	
TOT PCT	1.2	1.2	.0		ň		2.5		4.9	.3		.ŏ	.ŏ	5.2	
				<b>u</b> .	_						NW	_			TOTAL
HST	1-3	4-10	11-21		34-47	48+	PCT		4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	•0	4.3	•0	.0	•0	•0	.4.3		1.5	1.2	•0	•0	.0	4.0	
1-2	.9	12.3	1.2	•0	•0	•0	14.5		9.3	1.2	.0	•5	•0	9.9	
3-4 5-6	:0	4.6	#•6 1•2	.0	.0	•0	13.3		.3	1.5	•0	.0	.0	1.5	
7	.0	.0	• 0	.0	.0	.0	.0		.0	1.6	•0	.0			
4-9	.0		.0		. 5		ŏ		.0	.0		.0	.ŏ	.0	
10-11	.0		.0		.0	.0	.0		.0	.0		.0	ŏ	.0	
12	. 0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	•0	.0		Ü	.0	.0	.0	.ŏ	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	•0	•0	.0	-0	.0	.0	.0	.0	•0	.0	.0	.0	
23-25	.0	.0	•0	.0	.0	.0	.0	•0	•0	.0	.0	.0	.c	.0	
26+32	.0	.0	• 0	.0	.0	.0	•0		.0	.0	•0	.0	.0	.0	
33-40	.0	.0	•0	.0	.0	.0	•0		.0	.0	•0	•0	.0	.0	
41-48	•0	.0	•0	•0	.0	•0	.0		•5	•0	•0	•0	.0	•0	
49-60	.0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	.0	.0	
61-70	•0	.0	•0	•0	• ?	•0	•0		•ŏ	.0	•0	•0	.0	•0	
71-86	•0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	•0	
87+	.0	.0	•0	.0	.0	.0		• 0	0	.0	•0	• 0	.0	•0	_

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	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	46+	PCT	TOT
<1	22.0	9.8	1.2	.7	.0	.0	32.9	083
1-2	2.4	40.2	4.9	.0	.0	.0	47.6	
3-4		4.9	9.8		.0	.0	14.6	
5-0	.0	1.2	3.7	.0	.0	.0	4.9	
7	.0	.0	.c	ŏ	.0	.0	.0	
8-9	·ŏ	·ŏ			.ŏ	.0	.0	
10-11	.ŏ	.0	.c			.ŏ	ŏ	
12	.ŏ	.0	.č		.0	.ŏ	.0	
					.0		.0	
13-16	.0	•0	-0			•0		
17-19	.0	•0	.0	.0	.0	.0	•0	
20-22	.0	.0	.0		.0	.,	.0	
23-25	.0	•0	٠.0	•0	.0	٠٥.	.0	
26-32	.0	•0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-40	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0		.0	.0	.0	
71-86	.0	.0	.0		.0	.0	·ŏ	
974		.0		.0		.0	.0	
3,-		•0	••	••	••	• 17		82
TOT PCT	24.4	56.1	19.5	.0	.0	.0	100.0	•2

PEPIDD: (DVER-ALL) 1949-1973 87+ .0 .0 .0 .0 .0 .0 HEAN HGT 2 4 6 2 4 8.2 .8 .0 .0 .0 .0 18.0 33 27.0 3-4 13.9 6.6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 5-4 2.5 4.9 .8 .0 .8 .0 0000000000 0000000000 ....... ....... 0000000000 000000000 .00.00 ....... ........ 000000000 000000000 000000000 0000000000

## PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

			P	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHENO	MENA	
WND DIR	RAIN	PAIN SHWR	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	FOG WO PCPN	FOG #0 PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
N NE E SE S S Nu Var Calm	4.5 4.4 3.0 4.5 .0 4.4 5.1	4.5 .0 1.9 1.5 .0 .0	.0 .4 1.5 .0 .0	.00		••••••••	00000000000	9.1 4.5 6.7 6.0 4.5 4.4 15.2	3.4 .7 .6 .2 .0 .0	.0 6.1 5.2 1.5 .0 4.4 5.1	3.0 3.0 3.0 .0 .0 .0 6.7 2.5	• • • • • • • • • • • • • • • • • • • •	•0	.0	87.5 91 8 84.4 86.6 93.9 100.0 84.4 77.2
TOT PCT TOT OBS:	3.8 420	1.7	.5	.0	•0	.0	•0	6.0	.5	4.5	2.4	.0	•0	•0	87.4

TARLE 2

PERCENT	FREDITENCY	O.E	WEATHER	DECHIDACHEE	9.	12011

				RECIP	CITAT	N TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN Shwr	OR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTNG	FOG 40 PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPRA' BLWG DUST BLWG SNO	
00603 06609 12615 18621	2.9 1.0 6.3 4.3	1.9 1.0 .0 3.4	.0 1.0 .8	.0	••		.0	4.9 3.1 7.1 8.5	1.0 1.0 .0	1.0 .0 10.3 6.8	4.9 2.1 1.6 1.7	•0	•0	•0	88.3 93.8 82.5 84.6
TOT PCT TOT CBS:	3.8 442	1.6	.7	•0	•0	•0	٠.	6.1	.5	5.0	2.5	•0	•0	•0	86.9

TAPLE 3

## PERCENTAGE FREQUENCY OF WIND DIP ... IN BY SPEED AND BY HOUR

WND DIR	0-3			20 IKNO 22-33		48+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	HBUR 09	(GMT) 12	15	10	21
N NE E S S W N W VAR CALM	1.2 3.2 4.0 3.1 2.2 1.4 2.0 1.8	2.5 5.9 20.9 16.0 4.3 2.5 3.6 3.0	3.5 3.0 .6 .5 .7	.0	.0	•••••		4.0 9.7 30.1 22.1 7.2 4.3 6.3 5.5	5.7 5.3 7.6 7.2 5.7 5.6 5.7 6.0	3.3 5.5 28.8 29.1 8.7 3.8 5.1	10.0	9.1 34.4 23.8 1.9 4.4 4.1	16.5 32.4 16.2 2.6 3.2 5.6 9.4	4.0 1.7 6.3 6.0	.8 6.4 30.4 23.5 10.8 3.6 7.5 3.3	19.2 5.5 7.1 7.1 5.1	1.3 5.3 23.2 26.5 13.4 7.8 6.8 3.0
TOT DBS	372 29.8	734 58.7	142 11.4	.1	,1 ,1	.0	1250	100.0	5.9	12.0 158 100.0	7.3 110 100.0	12.5 80 100.0	170 100.0	11.3 240 100.0	13.8 181 100.0	10.6 113 100.0	12.6 198 100.0

TAR	LE	34

WND DIR	0=6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	HDU1 06 09	12 15	18 21
N	3.0	.8	.3	.0	.0		4.0	5.7	4.6	7.4	3.1	2.2
NE	7.0	2.6	. 1	•0	.0		9.7	5.3	6.8	14.1	11.3	
E	13.7	15.7	•1	ii	.0		30.1	7.6	29.3	33.0	31.2	0.4
SE	10.8	10.9	. 4	.0			22.1	7.2	25.0	18.6		20.
5	5.0	2.1	, Y	.0			7.2				21.1	23.9
58	3.1	1.2	·	ĕ				5.7	8.1	2.4	6.9	10.5
ű"							4.3	5.6	4.1	3.6	2.5	7.6
	4.6	1.4	. 2	.0	•0		6.3	5.7	5,8	5.2	6.8	6.9
NW	3.7	1.6	.2	•0	•0		5.5	6.0	6.3	7.7	4.9	3.1
VAR	.0	.0	•0	.0	.0		.0				7.6	
CALM	10.9						10.9	.0	10.1			0
TOT OAS	772	453	24	1	0	1250	44.44	5.9	266	8.0	12.4	11.9
TOT PCT	61.8	36.2	1.9	•i	٠ŏ٠		100.0	J.7		250	421	311

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£\$	ž.,

								APR:	L					
PERIODI	(PRIMARY) (OVER-ALL)	1917-197 1863-197	2					TARLE	•	•		AREA	0013	SOUTHEAST JAVA SEA 6.35 113.0E
				PER	CENTAGE	FREQUE	ENCY OF	WIND .	SPEED BY	HOUR	(GMT)			
		HOUR	CALM	1-3	4-10	11-51 Duim	SPEED 22-33	(KNDTS 34-4	7 48+	MEAN	PCT FREQ	TOTAL OBS		•
		00603 06609 12615 18621 TQT	10.1 8.0 12.4 11.9 136	22.4 17.2 19.2 16.7 236	48.9 66.4 60.6 58.5 734	18.3 8.4 7.6 12.9 142	.0	•	0.0	6.0 5.7	100.0 100.0 100.0 100.0	268 250 421 311 1250		

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	TAPLE 5 PCT FRED OF TOTAL CLOUD AMOUNT (EIGHTHS)											T,	ABLE 6					
	PCT FRE			CLOUD .		(EIGHTHS) MEAN			PERCEN	TAGE F	REQUEN	ICY DF	CEILIN NH <5/	IG HE10	HTS (	FT,NH . IRECTI	)4/8) UN	
WND DIR	0-2	3-4	5-7	8 & 085Cn	CBS	CLOUD COVER	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499		8000+		TOTAL OBS
2	1.7 13.4 5.9 1.2	2.1 2.0 10.2 7.6 1.8	1.8 2.4 12.3 7.2 1.1 .0	1.8 1.7 3.8 .6 1.8		5.2 4.5 3.6 4.4 3.9 6.1	•0	.n .n .o .o	.0000	.6 .6 2.4 .6	1.1 .2 4.7 1.4 .0	•0	.0	• • • • • • • • • • • • • • • • • • • •	•0	•0	4.4 6.6 31.7 20.7 3.5 2.7	
W NW VAR CALM TOT UBS TOT PCT	0 1.8 42 25.6	1.5 .0 4.3 49 29.9	1.4 .0 3.0 52 31.7	.0 .0 1.2 21 12.8	164 100.0	5.4 5.0 .0 4.2 4.2	•0		.0	.0 .0 .6 9	.6 .0 .6 14	•0 •0 •0	.0 .6 .0 .0 2	•0	•0	• • • • • • • • • • • • • • • • • • • •	2.4 2.3 .0 9.1 137	164

	TABLE 7
CUMULATIVE PCT FREQ OF CEILING HEIGHT	OF SIMULTANEOUS OCCURRENCE (NH >4/8) AND VSBY (NM)

CEILING (FEET)	= DR >10	• OR >5	= OR >2	VSBY (NF # fir >1	• OR >1/2	• OR >1/4	= OR >50YD	• ∆R >0
• DR >6500 • DR >5000 • DR >3500 • DR >2000 • DR >1000 • DR >600 • DR >300 • DR >150 • DR >150 • DR >150	.0 2.4 3.0 10.8 13.2 13.2 13.2	.0 2.4 3.0 11.4 15.6 16.2 16.2	.0 2.4 3.0 11.4 16.8 17.4 17.4 29	.0 2.4 3.0 11.4 16.8 17.4 17.4	.0 2.4 3.0 11.4 16.8 17.4 17.4	.0 2.4 3.0 11.4 16.8 17.4 17.4 29	.0 2.4 3.0 11.4 16.8 17.4 17.4	.0 2.4 3.0 11.4 16.8 17.4 17.4 29

TOTAL NUMBER OF DBS: 167 PCT FREQ NH <5/81 82.6

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 OBSCO OBS 5.7 16.5 25.6 15.3 18.8 6.8 3.4 4.0 4.0 .0 176 PERIOD: (PRIMARY) 1917-1972 (OVER-ALL) 1863-1972

TABLE 8

AREA 0013 SOUTHEAST JAVA SEA 6.35 113.0E

420

ALL) 1	863-1972						TAI	166 0					•
		P	RCENT	FREQ PREC	OF WING	DIREC	TION '	VING V	RRENCI	E OR N	ON-DCC IBILTT	URRENÇ Y	E DF
VSBY (NM)		N	NE	E	ŞE	\$	SW	w	NW	VAR	ÇALM	PCT	TOTAL DBS
	PCP	.0	.0	.0	.0	•0	.0	.0	.0	.0	•0	.0	
<1/2	NO PCP	.0	.0	.0	.0	•0	• 0	. 1	.1	.0	.0	.2	
	TOT %	• 0	.,	.0	•0	•0	•0	.1	• 1	.0	•0	, 2	
	PCP	.0	.0	.0	.0	•0	•0	.0	.0	.0	•0	.0	
1/2<1	NP PCP	. 0	. 0	.0	.0	• 0	.0	.0	.0	.0	•0	.0	
	TOT #	.0	.0	• 0	.0	•0	•0	.0	•0	.0	•0	.0	
	PCP	.0	.0	.0	.0	•0	• 0	•0	.0	.0	•0	.0	
1<2	NO PEP	.0	.0	.0	.0	• 0	•0	.0	.0	.0	•0	.0	
	TOT &	.0	.0	.0	.0	•0	• 0	•0	•0	.0	•0	.0	
,	pro	.2	. 1	.4	.2	•0	•0	.0	.0	.0	•0	1.0	
2<5	TO PCP	.0	.0	. 3	1.4	•0	.0	. 0	•0	.0	•0	1.7	
	TOT %	. ;	.1	.7	1.6	•0	.0	.0	•0	.0	•0	2.6	
	PCP	•0	. ?	1.7	1.1	.4	• •	. 2	• 7	.0	.2	4.5	
5<10	NO PCP	2.5	2.4	6.5	5.6	3.2	2.5	1.8	2.1	.0	2.4	29.3	
•	TOT &	2.5	2.7	8.5	6.7	3.5	2.5	5.0	2.9	.0	2.5	33.8	
	PCP	.2	٠.	.1	.1	•0	• •	.0	.0	.0	•0	.5	
10+	NO PCP	2.3	5.2	22.9	15.6	4.3	2.4	3,2	1.7	.0	5.2	62.9	
•	TOT	2.5	4.5	23.0	15.7	4.3	2.4	1.7	1.7		5.3	63.3	

TABLE 9

		PERCENT FREQ OF WIND DIPECTION VS WIND SPEED WITH VARVING VALUES OF VISIBILITY												
VSBY (NM)	SPD KTS	N	NE	3	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL 035	
	0-3	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.4		
<1/2	4-10	.0	.0	. 1	.1	.0	.0	.0	.0	.0		.1		
	11-21	.0	.0	.0	.0	.0	.0	• 1	- 1	.0		.1		
	22+	۰.0	.0	.0	.0	•0	.0	.0	•0	.0		.0		
	TOT \$	.0	.0	.1	.2	.1	•1	•1	-1	.0	.0	.6		
	0-3	.0	.0	.0	•0	.0	.0	.0	. 9	.0	.0	.0		
1/2<1	4-10	٠.٥	.0	•0	.0	.0	.0	.0	.0	.0		.0		
	11-21	.0	•0	•0	•0	.0	.0	.0	.0	•0		.0		
	22+	.0	.0	•0	.0	•0	•0	.0	.0	.0		.0		
	TOT %	.0	•0	•0	•0	•0	•0	•0	.0	•0	.0	.0		
	0-3	.0	.0	.1	•	.0	.0	.0	.0	.0	.1	.2		
1<2	4-10	.1	.0	.1	.2	.0	.0	.1	.0	.0		,5		
	11-21	.0	.0	•0	.1	• 1	.0	•0	•0	.0		.1		
	22+	.0	•0	•0	•0	•0	.0	.0	.0	•0	_	.0		
	TOT \$	.1	.0	.2	.3	•1	•0	•1	•0	.c	•1	.9		
	0-3	.2	.0	.1	.5	.0	.1	-1	.0	.0	.2	1.2		
2<5	4-10	.1	• 1	.6	. 9	• 1	.0	• 1	.0	.0		2.0		
	11-21	.0	.0	• 1	•	•0	.0	- 1	•0	.0		.2		
	22+	.0	•0	•0	0	•0	.0	.0	.0	•0	_	0		
	TOT \$	.4	-1		1.4	•1	•1	. 3	-0	.0	.2	3,4		
<b>.</b>	0-3	.3	.2	.5	.4	. • 4	.2	• 2	.6	.0	2.1	4.9		
5<10	4-10	.9	1.1	3.2	2.6	1.3	1.0	. 6	• ?	.0		11.4		
	11-21	. 1	•1	. 9	.6	• 1	.1	.2	- 4	.0		2.6		
	224	0	. • 0	. 1	-0	. • 0	0	0	0	•0		1		
	TOT %	1.3	1.5	4.7	3.6	1.8	1.3	1.1	1.6	.0	2.1	19.0		
	0-3		2.7	3.3	1.9	2.1	. 9	2.3	1.4	.0	8.7	24.2		
10+	4-10	1.4	4.3	16.9	11.5	2.5	1.9	3.0	2.9	•0		44.		
	11-21	.2	•2	3.6	2.1	• 4	.3	• 1	.2	.0		7.1		
	22+	.0	0			0	.0	.0	.0	٠,٥		.0		
	TOT #	2.4	7.2	23.8	15.5	5.3	3.1	5.4	4.6	•0	8.7	76.1		
	TOT DAS												015	
	TOT PCT	4.2	8.8	29.5	21.0	7.4	4.6	7.0	6.2	.0	11.2	100.0		

PERIODI	(PRIMARY)	
	I MUFO ALL L	

TABLE 10

AREA 0013 SDUTHEAST JAVA SEA 6,35 113.0E

PERCENT	FREQUENCY	OF C	FILING	HEIGHTS	(FEET,NH	>4/81	AND
	000118	SENT	THE ME	. /6/8 81	/ MAINE		

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	1500 4999	5.JU - 3499	6500 7999	<b>8000</b> +	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00203	.0	.0	.0	8.2	4.1	2.0	2.0	.0	.0	•0	16.3	83.7	49
90360	.0	.0	.0	4.7	9.3	.0	2.3	.0	.0	•0	16.3	83.7	43
12615	.0	•0	2.9	.0	5.7	.0	2.9	.9	.0	.0	11.4	88.6	35
18621	.0	.0	.0	6.5	13.0	•0	2.2	.0	•1	•0	21.7	78.3	46
TOT	0	0	1	. 9	14	1	4	Ç	2	0	. 29	144	173

٠	-	•	۰	۰	٠	۰	

TABLE 12

		PERCENT	FREQUEN	CY VSBY	(NM)	BY HOUR		CUMULAT					VSBY (NM)	
HOUR (GHT)	<1/2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TETAL DBS</th> <th>HOUR (GMT)</th> <th>&lt;150 &lt;50YD</th> <th>&lt;600 &lt;1</th> <th>&lt;1000 &lt;5</th> <th>1000+ AND5+</th> <th>NH &lt;5/8 AND 5+</th> <th>TOTAL OBS</th>	2<5	5<10	10+	TETAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL OBS
60203	1.2	.0	.0	1.8	21.1	75.9	166	00203	•0	•0	8.5	8.5	63.0	47
06609	1.2	.0	1.2	4.2	15.2	78.2	165	90360	.0	•0	4.8	11.9	83.3	42
12815	.3	.0	1.4	4.4	19.9	74.0	296	12615	•0	2.9	2.9	8.8	68.2	34
18821	.0	.0	1.4	2.4	21.7	74.5	212	18621	.0	.0	6.8	15.9	77.3	44
TOT PCT	5	0	9 1.1	28 3.3	165	632 75.3	839 100-0	TOT	0	1	10	19	138	167

TA	٩L	ŧ	1	3

TABLE 14

	PERC	ENT FR	EOUE:+C	Y OF R	LI ATIV	E HUMI	DITY B	Y TEMP	TOTAL	PCT		PERC	ENT FR	EQUENC	Y 0F W	IND DI	RECTIO	N BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-#9	90-100		FREG	N	NE	E	SE	\$	SW	ef	NW	VAR	CALM
90/94	.0	.0	0	•0	4	.4	.0	•0	2	.8	.0	.0	. 4	.4	.0	.0	.0	.0	.0	.0
85/89	.0	•0		•0	1.1	13.0	4.6	.4	50	19.2	. 6	3.0	7:5	<b>د</b> :د	:9	:0	1.9		:0	1.5
80/64	٠.	.0	. 0	•0	4	26.8	36.4	13.0	200	76.6	4.1	5.0	25.2	21.5	7.2	3.4	3.1	3.0	.0	4.2
75/79	.0	.0	0	•0	0	. 0	2.3	.4	•	3.4	.3	.1	.4		.0	. 6	2	1.1	.0	.0
TOTAL	٥	0			) 5	107	113	36	261	100.0			•	-	-	-		-		-
PCT	.0	.0		•0	1.0	41.0	43.3	13.8			5.0	8.0	33.4	25.9	7.9	4.0	5.2	4.9	.0	5.7

TABLE 15

	MEANS,	EXTREM	ES AYD	PERCEN	ITILES	OF TE	MP (DE	G F) B	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTIOIHU	BY HOU	R
HOUR (GHT)	XAK	99*	95%	50%	5×	1%	MIN	MEAN	TOTAL	HOUR (GHT)	0-29	30-59	60-69	70-73	80-89	90-100	MEAN	TOTAL DBS
EC303	91	8 M 9 1	87 89	83	79 79	77 79	75 77	83.2	42	00003	•0	•0	9.3	45.5	45.5	9.1	81 78	66 54
12615	92 89	87	85 84	83 82	80 79	79 77	73 75	82.8		12615	.0	.0	4.2	35.2	47.9	12.7	82 84	71 49
TOT	93	89	86	83	79	77	73	<b>82.</b> 9	1237	TOT	ŏ	•	•••	109	123	39	\$1	280

PERIOD: (PRIMARY) 1917-1972 (OVER-ALL) 1863-1972

TABLE 17

AREA 0013 SDUTHEAST JAVA SEA 6.35 113,0F

CT	FREO	2#	AIR	TEMPERATURE	(DEG	F)	AND	THE	OCCURRENCE	OF FOG	CHITHOUT	PRECIPITATIONS
				UE ATE.	-664	TE			E NIESCOENS	e inec	2 4	

AIR-SEA THP DIF	73 76	77 80	81 84	85 88	89 92	TOT	# FDG	#OG #OG
7/8	.0	.0	.0	. 3	•0	1	•0	.3
5	.0	.0	.0	.0	. 3	1	•0	.3
4	.0	.0	. 6	1.7	.0		•0	2,2
3	. ō	.0	.6	.6	.6	6	.3	1.4
3 2	.0	.0	2.8	3,9	.3	25	•0	7.0
ĭ	ò	.0	5.9	3.9	•0	35	• 3	9.5
0	.0	1.4	17.0	3,4	.3	79	.6	21.5
-i	.0	. 8		2.0	.0	50	1.1	12.3
-2	ŏ	1.1	18.4	2,0	.0	77	.3	21.2
-2 -3 -4	.0		5.6	. 3	.0	23	, 3	6.1
-4	.3	2.8	4.5	.0	.0	27	.0	7.5
-5	.0	2.5	2,8	.0	.0	19	•0	5.3
-6	.0		.6	.0	•0	• 5	.0	1.4
-7/-8			.,	ŏ	.ŏ	ž	.0	
	•0	• 0		•0		•		
JATOT	1		250		5		10	348
		38		17.9		358		
ACT.	2	10.4	40 4	17.8	1.4	100.0	2.6	97.2

PERIOD: (OVER-ALL) 1963-1972

TABLE 18

				PC	T FREQ (	F WIND	SPEED	(KTS) AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT)		
				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1=3	4-10	11-22	22-33	34-47	48+	PCT
<1	.0		•0	.0	.0	•0	. 8	•0	2.4	.,,	.0	•0	.0	2.4
1-2	.0	.0	•0	.0	•0	•0	.0	•0	3.5	• 6	.0	•0	.0	3.5
3-4	.0	.0	•0	.0	.0	•0	.0	•0	1.3	.0	.0	•0	.0	1.3
5-6	.0	.0	•0	•0	•0	•0	•0	•0	•0	.0	•0	• 6	.0	•0
7	.0	.0	•0	•0	.0	•0	.0	•0	•0	.0	•0	•0	.0	•0
8-9	.0	.0	•0	.0	.0	•0	•0	•0	.0	.0	•0	•0	•0	•0
10-11	•0	.0	.0	•0	.0	•0	.0	•0	•0	.0	•0	•0	•0	•0
12	.0	.0	•0	•0	.0	•0	.0	•0	•0	•0	•0	•0	•0	•0
13-16	.0	.0	•0	•0	•0	•0	.0	•0	.0	•0	•0	•0	•0	•0
17-19	•0	.0	•0	•0	•0	•0	.0	•0	•0	.0	•0	•0	•0	•0
20-22	.0	.0	•0	.0	.0	•0	.c	•0	•0	.0	•0	•0	.0	•0
23-25	•0	.0	•0	•0	.0	•0	.0	•0	•0	.0	•0	•0	•0	•0
26-32	•0	.0	•0	•0	.0	•0	.0	•0	•0	.0	•0	•0	•0	•0
33-40	.0	۰,0	•0	•0	•0	.0	.0	•0	.0	.0	•0	•0	.0	•0
41-48	•0	.0	•0	•0	.0	.0	.0	•0	.0	•0	•0	•0	•0	•0
49-60	•0	.0	•0	.0	.0	•0	.0	•0	•0	•0	.0	•0	•0	•0
61-70	•0	.0	•0	.0	.0	•0	•0	•0	•0	.0	.0	•0	•0	•0
71-86	.0	.0	•0	•0	•0	•0	•0	•0	•0	• • •	.0	•0	•0	•0
874	.0	.0	•0	•0	.0	•0	•0	•0	7.3	.0	•0	•0	•0	.0
TOT PET	.0		•0	•0	•0	-0	. 8	•0	1,13	.0	•0	•0	.0	7.3
				E							SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-9	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	3.0	•0	•0	.0	.0	3.0	٥.	1.3	.0	•0	•0	•0	1.3
1-2	1.1	14.8	4.0	.0	.0	.0	19.9	•0	23, 9	.3	.0	•0	.0	24.2
3-4	.0	7.5	8.1	.0	.0	•0	15.6	•0	5.1	2.7	.0	•0	•0	7.8
5-6	1.1	1.1	1.1	•0	.0	.0	3.2	•0	5.2	2.2	•0	•0	•0	4.3
7	•0	.0	.0	.0	•0	•0	•0	•0	•0	1.1	•0	•0	.0	1.1
8-9	•0	.0	•0	٠0	•0	•0	•0	•0	•0	.0	•0	•0	•0	•0
10-11	•0	.0	•0	.0	•0	-0	•0	•0		٠.	•0	•0	•0	•0
.12	•0	.0	•0	•0	•0	.0	•0	:0	.0	.0	•0	•0	.0	•0
13-16	•0	٠.	•0	.0	.0	.0	•0	ő	.0	•0	.0	.0	٠,٥	•0
17-19	.0	.0	•0	•0	•0	:0	.0	.0	ŏ	.0	:8	.0	.0	•0
23-25	:0	.0	.0	•0	•0		٥٠	.0				.0	.0	•0
		.0						.0	.0					
26-32 33-40	.0	:0	•0	•0	.0		•0	.0	:0	.0	.0	•0	.0	•0
41-48			•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0
49-60	.0	.0	•0	.0	.0	.0	•0		.0	.0	.0	•0	.0	.0
61-70	.0	:0	•0		.0	:0	.0	•0	.0	.0		.0	:0	•0
71-86	.0	.0	•0	•0	.,	.0	.0		.0	:0	• • • • • • • • • • • • • • • • • • • •	.0	:0	.0
87+	:0	:0	•0	.0	.0	.8	.0	ě	:0	:0	.0	•0	:0	.0
TOT PCT	2.2	24.3	13.2	.0	.0	.0	41.7	ě	32.5	6.2	.0	:0	:0	38.7
101 761	- • 4	24.3	1344	.0	•0	•0	7407	••	,3	0.2	.0	•0		2007

PER 1-10	1005		1963-1						APR	li.							
PENIUD		M-ALL 7	1703-1	1412				TABLE	18 (	CONT	,			AREA	0013	OUTHEA IS 113	AST JAVA SEA
					T FREG	OF WIND	SPEED	(KTS)	AND	DIAE	MELT	VERSUS :	SEA HEIG	HTS (FT)			
HGT	1-3	4-10	11-21	S 22-33	34-47	48+	PCT			1-3	4-10	11-21	S¥ 22-33	34-47	48+	PCT	
<1	• 0	.0	•0	.0	.9	.0	.0			.0	.0		.0	•0	7.0	-0	
1+2 3-4	•0	1.9	•0	•0	.0	•0	: • 9			.0	1.1		.0	•0		1.1	
5-6	.0	.0	•0	•0	.0	•0	•0			.0	.0		.0	•0	ŏ		
7	.0	.0	•0	.0	•0	•0	•0			.0	.0		.0	•0	.0	.0	
8-9	٠٥	:0	•0	•0	.0	.0	•0			•0	•0		•0	•0	.0	.0	
10-11		.0	• 5	.3	.0	•0	•0			• 0	•0		.0	•0	.0	.0	
12	.0	.0	.0		.0	•0	•0			•0	•0		.0	•0	•0	.0	
13-16	.0	.0	ěŏ	.0		.5	•0			.0	.0		•0	•0	.0	.0	
17-19	.0	.0	.0		.0	.0	.0			.0	.0		•0	•0	•0	.0	
20-22	.0	.0	.0	.0	.0	.ŏ	.0			.0	ŏ		.0	•0	•0	•0	
23-25	.0	.0	.0	.0	.0	.0	.0			ŏ	.0		.0	•0	.0	•0	
26-32	• 9	.0	.0	•0	.0	•0	.0			.0	.0		:0	•0	.0	.0	
33-40	.0	.0	•0	.0	.0	•0	.0			.0	ō		:	•0	ö	.0	
41-48	٠0	.0	•0	•0	• • •	.0	.0			.0	.0		.0	.0	.0	.0	
49-60 61-75	٠.	.0	•0	.0	.0	•0	•0			.0	.0		.0	•0		.0	
7'-86	• 0	•0	•0	.0	•0	•0	.0			•0	•0		.0	•0	.0	.0	
#7÷	. s	.0	•0	.0	•0	•0	•0			•0	•0		.0	•0	.ŏ	.0	
TOT PCT		1.9	.0	•0	•0	•0	. • 0			•0			•0	•0	.0	.0	
107 101	••	4.7	•0	•0	•0	•0	1.9			•0	1.1	•0	•0	•0	•0	1.1	
				W									NW				TOTAL
HGT <1	1-3	4-10	11-21	22-33	34-47	48+	PCT			1-3	4-10		22-33	34-47	48+	PCT	PCT
1-2	•••	.0	•0	.0	•0	•0	1.1			• ?	.0	•0	•0	•0	.0	.0	. • .
3-4	ě	.ŏ	.0	.0	.0	•0	•0			•0	•0	.0	•0	•0	٠.	•0	
5-6	.0	9.	.0	.0	.6	•0	•0			•0	•0	1.1	•0	•0	.0	1.1	
7	.0	.0	•0		.0	.0	.0			•0	.0	•0	•0	•0	•0	•0	
6-9	.0	.0	.0	.0			.0			ŏ	ě	•0	•0	•0	•0	•0	
10-11	.0	.0	•0	.0	.0	.0	.0			ŏ	.ŏ	.0	•0	•0	.0	•0	
12	.0	.0	•0	.0	.0	•0	.0			.0	.0		•0	•0	:0	.0	
13-16	.0	•0	•0	.0	.0	•0	.0			.0	.0		.0	ě	.0	.0	
17-19	•0	.0	•0	.0	.0	•0	•0			.0	.0	.0		•0		.0	
20 <b>-2</b> 2 2 <b>3-2</b> !	.0	.0	•0	•0	.0	-0	•0			.0	.0	.0	•0	•0		.0	
26-32	.0	.0	•0	•0	.0	•0	•0			•0	.0	•0	.0	• 5	.0	.0	
33-40	.0	.0	•0	.0	•0	•0	•0			•0	•0	•0	.0	• 5	.0	.0	
41-4B	.0	••	•0	•0	•0	•0	.0			•0	•0	•0	•0	•0	.0	.0	
49-60	.0	:0	•0	.0	٥. ٥.	•0	•0			•0	•0	•0	•0	•0	.0	.0	
61-70	.0	.0	.0	•0	.0	.0	•0			•0	•0	•0	•0	• 0	.0	•0	
71-06	.0	.0	•0	•0	•0	•0	.0			.0	•0	•0	•0	•0	•0	•0	
87+	.0	.0	•0	.0	ě	•0	.0			.0	•0	•0	• 0	•0	•0	•0	
TOT PCT	1.1	.0	•0	.0	ň	.0	1.1			.0	.0	1.1	•0	•0	•0	0	
					-	••				••	••	1.1	•0	•0	.0	1.1	93.5

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Ç

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HET	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	7.5	7.5	•0	.0	.0	.0	15.1	085
1-2	1.1	45.2	4.3	ŏ	.ö	,ŏ	50.5	
3-4	.0	14.0	11.8	. 0	.0	.0	25.8	
5-6	1.1	3.2	3.2	ŏ		.ŏ	7.5	
7	•0	•0	1.1	ŏ	.ŏ	.0		
8-9	.0	.0		.0	.0	.0	1.1	
10-11	.0			ŏ	.0		.0	
12		ŏ			.0	•0	.0	
13-16		.ö		•0		•0	.0	
17-19			•0	.0	.0	.0	•0	
20-22	.0	•0	•0	.0	•0	•0	.0	
		•0	.¢	•0	•0	.0	•0	
23-25	•0	•0	.0	•0	.0	.0	.0	
26-32	.0	•0	•0	.0	.0	.0	.0	
33-40	.0	•0	• C	•0	.0	.0	.0	
41-48	•0	.0	.0	.0	.0	.0	.0	
49-63	•0	.0	.0	.0	.0	.0		
61-70	.0	•0	.0	.0	.0	.0		
71-86	.0	.0	.0	.0	.0	.0		
87+	.0	.0		ŏ		.ñ		
		,,,	••	•0	••	• 17	•0	
TET PET	9.7	69.9	26.4	.0	.0	.0	100.0	93

PERIO	0: (0/	ER-AL	.) 194	7-107	2				TABLE	19											
					PFRCENT	FRE	OUENCY D	F WAY	E HEI	HT (F	r) vs	HAVE PI	ERIOD	(SECON	D\$)						
PERIOD	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-40	61-70	71-86	87+	TOTAL	MEAN
<6 6-7	7.7		21.9	3.9		.0	•0	.0	.0	.0	.0	.0	.0	•0	٠.	.0	.0	.0	.0	97	HGT
1-9	•0	1.3	5.2	1.9	.0 .6	.0	•0	:8	.0	.0	.0	••	.0	.0	.0	.0	.0	.0	.0	13	3
10-11 12-13	•0	1.0	.0	.0	.0	:0	•0	.0	•0	.0	0	.0	.0	.0	:0	.0	:0	:8	:0	3	7 2
>13 INDET	23.9	2.6	.0	.0	.0	.0	•0	.0	•0	.0	:0	.0	:0	.0	.0	.0	:°	.0	.0	0	
TOTAL	49	54	.0 42	.0	•0 1	٠0	•0	•0	•0	.0	.0	•0	.0	•0	.0	ò	ĕ		.6	41	0
PCT	31.6	34.8	27.1	5.8	.6	•0	٠ŏ	٠ŏ	٠.٥	.ŏ	.ŏ	.ŏ		.0	-0	.0	. 0	. 0	ŏ	155	2

TABLE 1

AREA 0013 SOUTHEAST JAVA SEA 6.35 113.0E

PERCENT	FREQUENCY	OF	HEATHER	DCCURRENCE	87	WIND	DIRECTION
			MEWILLE	DCCORRENCE	87	MIND	DIRECTION

			•	RECIPI	TATIO	N TYPE					OTUCA	WEATHER			
WND DIR	RAIN	RAIN Shwr	DRIL	PRZG	SNOW	OTHER FRZN	HAIL	PCPN AT	PCPN PAST	THOR	FOG	FUG WD	SHOKE		
						PCPN		OB TIME	HDUR	LTHG	40 PCPN	PCPN PAST HR			
N NE	.0	4.7	1.2	.0	.0	.0	.0	.0	8,2					-649 3491	H MEY
£ SE	1.0	2.7	1.2	٠.	•0	.0	.0	5.9	.0	5.2 2.4	2.4	•0	.0	.0	83,7
SE	2.0	2.0	1.5	.0	.0	•0	• • • •	4.0	. 9	5.1	.5	•0	1.2	•0	46.2
ş	.0	1.5	1.0		.0	• 6	.0	5.5	•1	2.4	1.0	.0	.2	•0	89.4
Sw	.0	4.7	.0	.0		.0	.0	1.5	•0	6.1		ŏ	.0	•0	91.0
# Nu	.0	.0	7.4	.0	.0			8.7 7.4	••	.0	•0	iö	.0	٥٠	91.3
VAR	.0	٠,	.0	٠.	.0	.0	.č	<b></b>	.0	.0	14.5	.0	.0	.0	77.8
CALM	.0	.0	.0	.0	.0	.0	.0	.0		.0	•0	•0	.0		100.0
	••	.0	4.3	.0	•0	•0	.0	1.3	.0	1.3	.O	•0	•0	•0	.0
TOT PCT	1.1	2.4	1.1	.0		_			• •	4.3	.,,	•0	•0	•0	75.0
TOT 084:	539	•••	•••	••	•0	.0	.0	4.6	.6	3.7	1.3	.0	•2	.0	\$9.6

S SJEAT

PERCENT (	FREQUENCY	g۴	WEATHER	OCCURRENCE	•	
-----------	-----------	----	---------	------------	---	--

				RECIPI	TATIO	N TYPE						•			
HOUR	RAIN	PAIN	ORZL	FRZG		-					OTHER	MEATHER	PHEND	MENA	
(GHT)		SHUR		PCPN	3704	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THDR LTNG	FOG HO	PDG WD PCPN	SMDKE HAZE	SPRAY BLWG DUST	No SIG
£0300 <b>₽03</b> 00	2.2	2.2 4.5	.7	.0	.0	.0	•0	5.1	.0	.7	PCPN •7	PAST HR		OLWG SNOW	MEA
12615 19621	2.9	5.8	1.7	.0	•0	••	•0	2.9	1,5	7.5	1.5	.0	•7	•0 •0	92.4 91.0 86.7
TOT PCT	1.9	2.9	1.0	.0	•0	•0		10.1	•0	7.2	2.2	ŏ	•0	•0	81.2
TOT OBS:	583				-•	••	•0	5.8	.5	4.1	1.7	•0	•2	•0	27.8

TABLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

HND DIR	0-3	4-10	ND SPEE 11-2:	22-33 3	TS) 84-47	48+	TOTAL DBS	PCT FREQ	MEAN SPD	00	03	06	HOUR 09	(GMT)	15	16	21
N NE SE SE SW W NAR CALM TOT PCT	.6 1.7 3.2 2.9 2.0 1.1 .8 .1 .0 4.1 228 16.6	1.2 6.3 23.7 20.9 5.9 2.5 1.9 3.7 .0	1.0 8.2 8.1 .7 .3 .3 .9	.1 .0 .0 .0 .0 .0 .0 .0	••••••	000000000000000000000000000000000000000	1374	2.1 9.0 35.2 31.9 8.8 3.9 2.9 2.1 .0 4.1	6.6 6.5 8.3 6.2 5.5 6.0 7.4	1.8 6.3 30.1 39.2 11.7 4.4 3.1 1.8 1.0 1.6	11.7 30.8 32.1 7.1 2.4 4.0 3.2 .0 4.0	6.5 32.1 34.8 10.0 4.1 2.0 2.0 6.5	20-2 39-6 23-8 3-9 -6 2-1 3-9 -0 3-0	1.2 11.9 41.7 28.4 5.9 2.6 2.0 2.4 100.0	.8 6.8 36.1 33.1 9.1 4.0 3.0 1.5 .0 5.6	4.0 7.3 39.9 34.4 2.8 2.4 4.2 1.2 .0 3.8 106	1.6 2.1 29.9 31.5 16.1 9.1 3.3 1.2 5.1

TARLE	34

WND DIR	0~6	7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 03	HDU1 06 09	R (GMT) 12 15	18 21
RE SE S NW VAR CALM PCT DEST	1.3 5.3 12.8 12.5 5.4 2.1 1.4 0.1 4.1 4.1	.7 3.7 21.7 18.5 3.2 1.4 .7 .7	.1 .7 .9 .4 .1 .0 .0	•••••••	000000000000	1374	2.1 9.0 35.2 31.9 8.8 3.9 2.0 2.1 .0 4.1	6.6 6.3 6.3 6.5 6.5 6.0 7.4	3.0 30.3 36.4 9.9 3.4 2.4 .0 2.5 319	2.6 14.4 36.4 26.4 2.1 2.1 3.1 .0 4.5 201 100.0	1.0 9.6 39.2 30.5 7.3 3.3 2.5 1.9 .0 4.7 444	2.4 3.8 33.2 32.5 11.7 6.9 2.6 1.2 .0 4.7 320 100.0

								MAA								
PER100: 6	PRIMARY) DVER-ALL)	1918-197 1860-197						TARLE 4	,			AREA O	DUTHEAST JAVA SEA 35 113.0E			
				PER	CENTAGE	FREQU	ENCY OF	W140 SF	EED BY	HOUR	(GMT)					
		MJUR	CALM	1-3	4-10			(KNNTS) 34-47	48+	MEAN	PCT FREQ	TOTAL DBS				
		00603 06609 12615 18621	2.5 4.5 4.7	17.2 8.6 11.9 11.9	56.9 66.0 66.4 64.1	20.7 20.6 16.9 19.4	.0	.0 .0 .0	.0	7.5 7.3	100.0 100.0 100.0	319 291 444 320				
		TOT	57 4 - 1	171	880	263	3	0	0	7.4	100-0	1374				

			T.	ARLE 5								T	BLE 6					
P	CT FRE			CLOUD A		EIGHTHS) MEAN							CEILIN NH <5/					
WND DIR	0-2	3-4	5-7	3 & 085CD	TOTAL CBS	COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 49 <b>9</b> 9	5000 6499	6500 7999	8000+	NH €5/8 ANY HGT	
N	.7	0	1.1	. • 7		5.1	•0	•0	•0	•0	.5	•0	•7	•0	•0	•0		
NE E	16.0	15.2	12.3	3.9		3.0	•0	•0	.0	2.5	7.8	2.5	.0	.0	•0	.0	34.0	
S E	9,5	12.1	12.3	.7		4.3 5.6	•0	•0	.7	5.2	3.5	• 2	.0	•0	•0	.0	29.1	
S- #	:0	•0	•0	•0		6.5	:0 :7	•0	:0	•0	•0	•0	.0	•0	•0	•0	•0	
N# VAR	.0	•0	•0	•0		7.0	•0	•0	3:	•0	•0	•9	.0	•0	•0	•0		
TOT DBS	.0 42	•0	2.6 48	•0 19	153	7.0	•0	•0	•0	17 15	.0 21	•0	•0	•0	•0	.0	2.0	153
TOT PCT	27.5	28.8	31.4	12.4	100.0		• 7	•0	.7	9.8	13.7	2.6	.7	•0	.7	40		100.0

TARLE 7 CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURPENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NH,

						VSBY (44	1)			
	C	El: ING	• DR	= OR	• JR	- 78	# DR	• OR	<ul> <li>□ ØR</li> </ul>	= DR
		FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
	nĸ	>6500	.6	.6	.6	.6	.6	.6	.6	,6
٠	DΑ	>5000	.6	.6	.6	. 6	.6	.6	.6	. 6
	ng	>3500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1,3
	OR	>2000	4.4	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	DR.	>1000	8.2	15.7	18.2	18.2	18.2	10.2	18.2	18.2
	DR	>600	11.3	23.9	26.4	27.0	27.0	27.0	27.0	27.7
		>300	11.3	24.5	27.0	27.7	27.7	27.7	27.7	28.3
	PR	>150	11.3	24.5	27.0	27.7	27.7	27.7	27.7	28.3
		> 0	11.3	24.5	27.0	28.3	28.3	28.3	28.3	28.9
	•	TOTAL	18	39	43	45	45	45	45	46
	TO:	TAL YU⊁®	IFR OF DB	5: 15	9	,	CT FRED	NH <5/81	71.1	

TABLE 74 PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSC0 (BS 4.7 14.2 20.7 17.8 13.6 5.3 10.7 5.3 7.1 .6 169

PERIJD:	(PRIMARY)	1918-1972
	COVER-ALL 1	1860-1972

₹.	491	.е	

AREA 0013 SOUTHEAST JAVA SEA

		PI	FRCENT	FREQ PREC	OF WINS	DIRECTION WIT	TICH T	VS OCCE	JRRENCI	FOR N OF VIS	ON-DC	CURRENC TY	E OF
VSBY (NH)		κ.	NE	ŧ	SE	5	Sh	W	NW	VAR	CALM	PCT	TOTAL DUS
	PCP	٠.	.0	.0	. 2	.0	.0	.0	•0	.0	.0	, 2	
<1/2	NO PCP	.0	.0	.0	. 2	.0	.0	.0	• 0	.0	•0		
	TOT \$	.0	.0	•0	•4	•0	.0	•0	•0	•0	•0	.4	
	PCP	.0	.0	.0	.0	.0	•0	.0	.0	.0	•0		
1/24	NO PCP	.0	.0	.0	. 2	.0	• 0	.0	• 0	.0	. 2		
	TOT \$	.0	.0	.0	. 2	•0	• 0	.0	• 0	.0	• 5	.4	
	PCP	.0	.0	.1	.5	.0		. 2	.0	.0	.7	.,	
1<2	NO PCP	.1	. 2	. 4	. 0	.0	.0	.0	•0	.0	.0	.7	
	TOT %	- 1	. 2	.5	. 5	•0	.0	. 2	•0	.0	•2	1.7	
	PCP	• 0	.0	. 3	.6	.0	• 2	.0	.0	.0	.0	.9	
2<5	NO PCP	.c	. 4	. 9	1.2	.4	.0	.0	.0	.0	.0		
	TOT %	.0	. 4	1.2	1.0	. 4	•^	.0	•0	•0	•0	3.7	
	PCP	• 0	.5	.3	.6	• 1	. 2	.0	.0	.0	.0	1.7	
5<10	NO PCP		2.6	15.3	16.5	2.2	. 6	1.6	1.4	.0	, 9		
	TOT \$		3.0	15.6	17.2	2.3	1.0	1,6	1.4	•0	.9	43,8	
	PCP	.0	.0	.8	.1	.0	. 0	.0	.0	.0	.0		
10+	NO PCP	1.3	4.3	19.5	17.2	3.4	1	7	.7	.0	. 9		
	TOT &	1.3	4.3	20.3	17.3	3.4	1.1	.7	.7	•0	.9	50.1	
	TOT OBS												539
	TOT PCT	2.3	7.9	37.5	37.3	6.1	2.1	2.5	2 - 1	.0	2.2	100.0	

TABLE 9

VSSY	SPD	N	NE	E	SE	S	SW	w	NW	VAR	CALM	PCT	TOTAL
(MM)	KTS												28S
	0-3	.0	.0	•0	.0	•0	.0	. 1	.0	.0	.0	.1	
<1/2	4-10	٠.	• 2	• 2	.3	• 1	.0	.0	•0	•0			
	11-21	.0	.0	.0	•0	•0	. 0	.0	.0	.0			
	22+	.0	.0	•0	- 1	•0	. 5	• 0	.0	.0	_	.1	
	TOT \$	.0	.2	•2	• 4	•1	.0	•1	•0	.0	•0	1.0	
	0-3	.0	.0	•0	•0	.0	.0	• 0	.0	.0	•1	.1	
1/2<1	4-10	.0	• 0	•0	• 1	• 0	.0	•0	.0	.0		.1	
	11-21	.0	٠٥.	•0	•0	•0	.0	•0	•0	.0		.0	
	22+	.0	٠0	•0	•0	•0	•0	•0	•0	•0		.0	
	TOT \$	.0	.0	•0	• 1	•0	.0	•0	•0	.0	•1	.2	
	0-3	.0	•0	•0	•0	.0	.0	.0	.0	.0	•1	.1	
1<2	4-10	• 4	• 1	.3	. 3	•0	٠.0	.2	.0	.0		1.1	
	11-21	•0	.1	• 1	• 2	•0	.0	•0	•0	•0		. 3	
	22+	.0	.0	• 0	•0	• 0	.0	٠0	.0	•0	_	.0	
	TOT \$	•1	•2	. 5	.5	•0	.0	٠2	.0	.0	-1	1.6	
	0-3	.0	.2	•2	• 1	.0	.0	.0	.0	.0	-1	.6	
2<5	4-10	•0	.2	• 7	1.1	, 3	•0	•0	.0	.0		2.4	
	11-21	.0	•1	•0	.5	•0	.0	•0	•0	.0		٠,	
	22+	•0	•0	•0	•0	• 0	•0	•0	.0	.0		0	
	TOT \$	٠.	.6	.9	1.6	.3	.0	•0	.0	.0	•1	3.5	
	0-3	.1	.4	. 4	1.0	.0	.0	.3	.1	.0	.7	3.0	
5<10	4-10	• •	1.3	5.7	6.3	1.4	. 6		•7	.0		17.0	
	11-21	.1	.3	3.8	3.6	• 1	. 2	•1	.2	.0		1,2	
	22+	.0	. • 0	.0	0	0	.0	0	.0	•0	_		
	TOT S	.6	1.9	9.9	10.9	1.4	.7	1.1	. 9	•0	.7	28,2	
	0-3	. 5	1.4	2.3	1.9	1.0	.4	.2	.1	.0	1.8	9.4	
10+	4-10	. 8	3.6	18.1	14.2	3.0	1.6	• ?	• ?	٠.		42.6	
	11-21	.1	•7	5.9	5.9	.5	.0	.1	.1	.5		13.4	
	55+	,.5	0	0		.0	0	.0	٠.0	٠,		4.0	
	TOT \$	1.4	5.7	20.3	22.0	4.5	2.0	• 7	.9	.0	1.8	65.5	
,	rnt Des												880
1	TOT PCT	2.1	8.6	37.7	35.5	6.3	2.7	2.4	1.8	.0	2.8	100.0	

MAY

PERIOD: (PRIMARY) 1918-1972 (DVER-ALL) 1860-1972

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TABLE 10

AREA 0013 SOUTHEAST JAVA SEA 6.35 113.06

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PERCENT FREQUENCY OF CFICING HEIGHTS (FEET-NH >4/8) AND OCCURRENCE OF NH <5/8 BY "JUR

HDUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANV HGT	TOTAL DBS
60300	.0	.0	•0	6.0	24.0	.0	.0	.0	.0	•0	30.0	70.0	50
90340	.0	.0	.0	12.5	8.9	7.1	1.8	•0	1.8	•0	32.1	67.9	56
12615	.0	.0	.0	6.9	5.9	.0	.0	.0	.0	•0	13.0	46.2	29
18821	3.2	.0	3.2	9.7	4.5	6.5	.0	.0	.0	•0	29.0	71.0	31
TOT	1	0	1	15	. 21	. 6	1	0	1	0	46	120	166

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VSBY	(NH)	BY HOUR		CUMULAT					VSBY (NH)	AND/OR
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HÐUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00603	1.0	.5	1.0	2.1	33.2	62.2	193	00603	•0	.0	10.2	22.4	67.3	49
90360	1.6	. 5	1.6	3.8	24.6	67.8	183	90360	1.8	1.8	16.1	16.1	67.9	56
12615	.6	.3	1.8	4.9	28.6	63.7	325	12615	.0	.0	8.0	8.0	84.0	25
18621	.9	.4	1.3	1.6	32.7	62.8	223	18621	3.4	6.9	20.7	10.3	69.0	29
TST PCT	1.0	.4	14 1.5	31 3.4	275 29.8	591 64.0	924 100.0	TOT PCT	1.3	3 1.9	22 13.6	25 15.7	112 70.4	159 100.0

TABLE 13

TABLE 14
FRESHT ERFOUENCY DE WIND DIRECTION (

	PERC	TOTAL	PCT							
EMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	085	PREQ
90/94	.0	.0	.0	.0	1.5	.0	.3	•0		1.8
85/89	.0	.0	•0	• 3	2.6	9.1	4.1	1.2	59	17.4
80/84	. 0	.0	.0	.0	.,	19.4	44.7	12.4	263	77.4
75/79	. 0	.0	.0	.0	.3	.0	.6	2.6	12	3.5
TOTAL	0	0	0	1	18	97	169	55	340	100.0
PCT	•0	.0	•0	.3	5,3	28.5	49.7	16-2		

TABLE 15

TABLE 16

		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
HOUR (GMT)	MAX	998	75%	50%	54	1%	MIN	MEAN	TOTAL	
60300	93	49	87	83	80	77	72	83.2	306	
93360	95	93	90	84	80	76	75	84.2	286	
12615	92	87	85	83	80	77	72	82.6	450	
18621	85	84	84	82	78	75	72	81.7	331	
TOT	95	95	87	13	79	76	72	82.8	1373	

11R-SEA PMP DIF 9/10 7/8 5	69 72 .0	73 76 •0	77 80 .0	81 84 •0	85 88	89 92	>92	707	FÖG	FOG
	.0	•0	.0	.0	-0		_			
7/8 5 4			^			•0		3	.0	
3	.0		• •	• 0	.0	.5	.0	2	•0	.5
4		.0	.0	.0	1.0	. 3	.0	5	•0	1.3
	.0	.0	.0	. 5	1.5	.0	.0		•0	2.0
3	.0	.0	.0	1.0	2.0	.0	.0	14	•0	3.6
2	.0	.0	. 3	4,3	4.6	.0	.0	36	• 0	9.2
ĭ	.0	.0	.0	4,9	3.8		.0	37	. 3	9.2
õ	.0	.0	1.0	16.1	3.1		.0	82	.0	21.0
-1	.0	.0	. 5	10.0	1.3	.0	.0	46	.0	11.5
-ž	. 5	. 5	1.5	19.9	1.3	.0	.ŏ	93		23.0
-3	.0	.0	1.5	4,3	.0	.0	.0	23	.0	5.9
-4	.3	. 0	2.0	3.3	.0	.0	.0	22	. 3	5.4
-5	.0	. 8	1.5	. 8	.0	.0	.0	12	.0	3.1
-6		. 5	1.0	, 3	.0	.0	.0	6	.0	1.5
-7/-8	.0	.0	.0		.0	.0	.0	ž	.0	.5
TOTAL	3	• • •	37	•	75	• •	1	-	5	386

PERIOD: (CVER-ALL) 1963-1972

TABLE 18

				₽¢	T FRED S	SF WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)		
Тан	1-3	4-10	11-21	N 22-33	34-47	48+	PCT		1=3	4-10	11-21	₹ 22-33	34-47	48+	PCT
<1		1.7	•0	.0	.0	.0	1.7		.7	1.8	•0	.0	.0	.0	2.5
1-2	.0	.0	.0	.0	.0	.0	.0		.0	1.0	.0	.0	.0	.0	1.0
3-4	.0	.0	.0	•0	.0	. 0	.0		.0	.7	.0	.0	.0	.0	.7
5-6	•C	.0	•0	•0	.0	.0	.0		.0	70	-2	.0	.0	.0	• 2
7	٠٥.	.0		•0	.0	٠٥.	.0		.0	•0	.0	.0	•0	.0	•0
8-9	.0	.0	.0	.0	.0	.0	.0		•0	•0	.0	.0	.0	.0	•0
10-11	.0	.0	٠,٢	•0	.0	.0	.0		.0	.0	.0	.0	•0	.0	•0
12	.0	.0	• 0	.0	.0	.0	.0		.0	.0	.0	-0	•0	•0	•0
13-16	•0	.0	•0	.0	.0	.0	.0		•0	.0	.0	-0	.0	•0	•0
17-19	•0	.0	.0	.0	.0	.0	•0		.0	.0	.0	•0	•0	.0	•0
20-22	.0	.0	.0	•0	. 0	.0	•0		•0	•0	•0	•0	•0	.0	•0
23-25	.0	.0	.0	•0	.0	• :	.0		•0	•0	•0	•0	•0	.0	•0
26-32	.0	.0	.0	.0	.0	.0	.0		•0	•0	•0	•0	•0	•0	•0
33-40	.0	•0	•0	•0	•0	•0	.0		•0	•0	•0	.0	•0	.0	•0
41-48	• 0	.0	•0	•0	.0	.0	.0		.0	•0	.0	•0	•0	.0	•0
49-60	.0	.0	.0	٠٥	•0	•0	•0		• 7	•0	.0	.0	•0	.0	•0
61-70	•0	.0	•0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	•0
71-86	.0	.0	.0	.0	•0	•0	٠,		•0	•0	•0	-0	•0	.0	•0
87+	.0	.0	.0	.0	.0	•0	.0		.0	.0	.0	•0	•0	.0	•0
TOT PCT	• •	1.7	•0	•0	.0	•0	1.7		.7	3.5	.2	•0	•0	.0	4.3
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	4.6	3.0	•0	.0	-0	9.6		,7	5.6	1.0	•0	•0	.0	7.3
1-2	.0	10.1	12.4	.0	.0	.0	22.5		.0	4.8	10.6	.0	•0	.0	15.6
3-4	.0	4.5	7.0	.0	.0	.0	11.4		•0	1.5	11.6	.0	•0	•0	13.1
5-6	.0	.0	3.5	.0	.0	.0	3.5		•0	.0	3.6	•0	•0	.0	3.6
7	.0	.0	•0	.0	•0	.0	.0		•0	.0	1.3	•0	•0	.0	1.3
8-9	.0	.0	•0	.0	.0	.0	.0		•0	•0	.0	•0	•0	•0	•0
10-11	•0	.0	•0	.0	.0	.0	.0		•0	.0	.0	•0	•0	•0	•0
12	٠,0	.0	•0	.0	•0	•0	.0		•0	•0	.0	.0	•0	.0	•0
13-16	•0	.0	•0	.0	.0	•0	.0		•0	.0	.0	•0	•0	•0	•0
17-19	.0	.0	•0	.0	•0	•0	.0		•0	.0	.0	•0	•0	.0	•0
20-22	.0	.0	•0	.0	.0	.0	.0		•0	.0	.0	•0	•0	.0	•0
23-25	٠,	•0	•0	.0	.0	•0	•0		•0	.0	.0	•0	•0	•6	•0
26-32	.0	•0	•0	.0	٠0	•0	•0		•0	•0	.0	•0	•0	.0	•0
33-40	٠,٥	.0	•0	.0	•0	.0	•0		•0	•0	.0	•0	•0	•0	•0
41-48	.0	•0	•0	.0	.0	•0	.0		•0	.0	•0	.0	•0	.0	•0
49-00	.0	•0	•0	.0	.0	•0	•0		•0	•0	.0	•0	•0	٠.	•0
61-70	.0	.0	•0	.0	•0	•0	.0		•0	•0	.0	•0	•0	.0	•0
71-86	۰.	.0	•0	.0	•0	•0	.0		•0	•0	.0	•0	•0	•0	•0
87+	•0	0	0	.0	••	•0	0		•0	0	0	•0	•0	•0	0
TOT PCT	.0	21.5	25.8	•0	•0	•0	47.0		.7	11.9	28.3	•0	•0	•0	40.9

PERIOD:	1000	-41.1	1043-14	073					MAY				ADEA	0013 6	MITTUR A	ASE AVAL TE
PENTOD.	1015		1703-1	• • •				TABLE 1	B (CUNT	)					\$ 113	
				₽C	T FREU D	F WIND	SPEED	(KTS) A	NO DIREC	TION '	VERSUS S	EA HESG	HTS (FT)	)		
нат	1-3	4-10	11-21	S 22-33	34-47	48+	PCT		1-3	4=10	11-21	5W 22-33	34-47	48+	PCT	
<1		.7	.0	.0	.0		7		.0			.0	•0	.0	.0	
1-2	ō	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
3-4	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0	
5-6	.0	.0	•0	.0	.0	.0	.0		۰.0	.0		.0	•0	.0	.0	
7	.0	.0	•0	•0	.0	.0	•0		.0	•0		•0	•0	.0	.0	
1-9	.0	.0	•0	•0	.0	.0	.0		.0	.0		•0	.0	.0	•0	
10-11	٠.٥	.0	•0	.0	.0	.0	•0		•0	•0		•0	•0	.0	•0	
12	.0	٠.	•0	• 0	•0	.0	•0		•0	•0		•0	•0	•0	•0	
13-16	٠,	٠.	•0	.0	.0	•0	.0		•0	•0		•0	•0	.0	•0	
17-19	.0		•0	.0	•0	.0	•0		.0	۰٥		•0	•0	.0	•0	
20-22	.0		•0	•0	.0	.0	•0		.0	.0		•0	•0	:0	•0	
23-25 26-32	.0	.0	•0	•0	•0	.0	.0		.0	.0		•0	•0	:0	.0	
33-40		.0	•0	.0	.0	.0	.0		.0	.0		•0	•0	٠٥		
41-48			.0	.0	ŏ	.ŏ	ě		ě	.0		.0	.ŏ	ö		
49-60		.ŏ	.0	.ŏ	.ñ	.0	.0			.0			•0			
61-70	ě	.0	.0	.0	.0	.0	.0		.0	.0		.0	•0	.ŏ	.0	
71-86	.0	.c	.0	.5	.0	.0	.0		.0	.0		.0	.0	.0	.0	
47+	.0	.0	.0	.0	.0	.0	.0		.0	.0		.0	•0	.0	.0	
TOT PCT	.0	.7	•0	•0	.0	.0	.7		•0	•0	.0	•0	•0	.0	•0	
				w								NH				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	•0	.7	•0	.0	.0	.0	.7		.0	2.2		•0	•0	.0	2.2	. • .
1-2	.0	. 7	.0	.0	0	٠.	.7		.0	.0	.0	.0	.0	.0	.0	
3-4	.0	.0	.0	.0	.0	.0	.0		.0	• 0		•0	.0	.0	.0	
5-6	•0	.0	•0	•0	.0	.0	•0		•0	•0		.0	•0	•0	•0	
7	.0	.0	•0	•0	.0	•0	•0		•0	•0		•0	•0	.0	.0	
8-4	•0	•0	•0	.0	•0	•0	•0		•0	•0		•0	•0	•0	•0	
1C-11	•0	.0	•0	•0	.0	.0	•0		.0	.0		•0	•0	.0	.0	
12 13-16	•0	.0	•0	.0	.0	.0	•0		.0	.0		•0	•0	.0	•0	
17-19	.0	.0	.0		.0	:0	:0		.0	ŏ		.0	.0	.0	:0	
20-22	.0	.0	•0	.0	.0	.0	.0		.0	.0		.0	.0		.0	
23-25	:0	.0	ő		.0		ě		ŏ	.0			•0			
26-32			ň	.0	ő				.0	.0		.0			.0	
33-40			.0		ŏ		.0		.0	.0		•0	•0	.0	.0	
41-48	.č		.0	.0	.0		ě		ò	ō		.0	.0	ŏ	·ŏ	
49-60	.0	.0	.0	•0	.0	.0	.0		.0	.0		.0	•0	.ŏ	.0	
61-70	. 0	.0	.0	•0	.0	.0	.0		.0	.0		.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	•0	.0	.0	.0	
87+	•0	.0	•0	.0	.0	.0	.0		.0	.0		.0	•0	.0	.0	
TOT PCT	.0	1.3	•0	•0	.0	.0	1.3		•0	2:2	.0	•0	•0	•0	2.2	98.0

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	3.3	19.2	4.0	.0	.0	.0	26.5	083
1-2	.0	16.6	23.2	.0	.0	.0	39.7	
3-4	•0	6.6	18.5	.0	.0	.0	25.2	
5-6	.0	.0	7.3		.0	.0	7.3	
7	.0	.0	1.3	.0	.0	.0	1.3	
8-9	.0	õ	.0	. 0	.0	.0		
10-11		.0	.0	.0	.0	.0		
12		٥٠	.0	.0	.0	.0		
13-16	.0	.0		.0	.0	.0		
17-19	.0	ŏ			ö			
20-22	ö			.0		ŏ	ö	
23-25	.0			ŏ		.ŏ		
26-32	.0	.0	.0		.ŏ	.0		
33-40	•0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	•0	.0	.0	.0	.0	
49-60	-0	.0	.0	.0	.0	۰.0	.0	
61-70	•0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
		•		•			• •	151
TET PCT	3.3	42.4	54.3	.0	.0	.0	100.0	

PERIJD: (DVER-ALL) 1949-1972 MEAN HGT 2 4 71-86 PFRIOD (SEC) (6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 1-2 3-4
36.2 19.5
1.1 3.4
.0 .0
.6 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
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.0 .0
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.0 .0
.0 .0
.0 .0
.0 .0
.0 .0 151 14 0 1 0 0 0 8 174 100.0 5-6 5.2 2.3 .0 .0 .0 .0 2.3 0000000000 .0.0 000000000 ....... 000000000 ....... 0000000000 000000000 000000000 ....... 000000000 .........

TABLE 1

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9E

BEENT	ERECHENCY	ns	LEATUED	DCCURRENCE			
RLENI	PREMOTENTA	UP.	MFATHER	DECORRENCE	BY	MIND	DIRECTIO

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	PAIN SHUR	BRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG FO PCPN	FOG WD PCPN PAST HR	SMOKE	SPPAY BLWG DUST BLWG SNOW	
N	9.;	4,5	.0	.0	.0	.0	.0	13.6	• 0	.0	.0	.0	•0	.0	86.4
NE	.0	6.5	.0	.0	.0	.0	.0	6.5	• 0	6.5	.0	.0	•0		87.1
E	1.3	2.7	.0	.0	.0	.0	.0	4.0	.5	3.4	3.8	, ö	2.2		86.0
SE	2.0	1.2	1.0	.0	.0		.0	3.7	.5	2.0	1.5	.0	1.0		92.4
S	4.2	.0	.0	.0	.0		• C	4.2	•0	7.0	1.4	.0	2.8		86.0
Šw	.0	17.0	.0	.0	•0			17.0	.0	.0	4.3	ŏ	•0	•0	78.7
ŭ.	.0	18.2			.0		.0	18.2	.0	10.2					63.6
Ñ₩		6.1	.ŏ				.ŏ	6.1	•0		.0	•0	•0		93.9
VAR	.0			.0	.0		.0		.ŏ		.0	•0	•0	• :	
										.0	.0	•0	•0		.0
CALM	•0	۰.	.0	.0	.0	.0	.0	.0	•0	•0	.0	•0	•0	•0	100.0
TOT PCT TOT CBS:	1.8	2.7	.4	.0	•0	.0	•0	4.7	.4	3.3	2.2	•0	1.4	•0	88.6

TABLE 2

## PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	TATIO	TYPE					DTHER	HEATHER	PHENO	MENA	
HOUR (GMT)	PAIN	PAIN Smur	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG WO PCPN	FOG NO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNDW	
00603 06609 12615 18621	1.7 .8 1.4 3.4	1.7 2.5 3.4 3.4	.9 .0 .8	.0	•0	.0	•0	3.5 3.3 4.8 7.6	.0 .0 .8	.0 1.7 2.8	2.6 2.5 2.8 1.7	.0	1.7 3.3 1.4	.0	92.2 88.3 88.3 83.9
TOT PCT	1.6	2.6	.4	•0	•0	.0	•0	4.8	.4	3.2	2.4	•0	1.6		88.2

# TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		41	NO SPE	ED (KN	OTS)								Hous	(GMT)			
HND DIR	0-3	4-10	11-21	72-33	34-47	48+	TOTAL	PCT FRFQ	MEAN SPD	٥٥	03	06	69	12	15	18	24
N NE	.5	1.4	1.0	.9	•0	•0		2.0 7.6	5.0 7.3	1.0		1.7	4.4	3.6	.6 5.0	8.3	1.3
E Se	2.0	27.1	11.8	.2	.1	.0		36.2 36.7	9.5	26.1 54.8	34.7	36.6	39.6	42.6	38.3	40.1	30.1
S	1.4	5.9	1.6	.1	.0	.0		8.9	7.7	9.5	10.4	42.7 7.1		30.6 5.2	37.7 10.2	32.9 8.5	39.1 16.5
S w	• 6	1.9	.5	.1		.0		3.2 1.5	7.2	2.7 1.9		3.4 1.7	1.7	1.5	4.1	3.0	7.4
NH VAR	.3	.6	.2	.0	.0	•0		1.2	6.6	1.1	2.0	.9	2.7	.9	.0	5.0	•5
TOT DBS	2.8	7+3	155	4	1	٥	1239	2.8	7	.6 156	5.0 101	2.6 116	3.4 149	3.8	2.9 171	124	
TOT PCT	10.7	60.0		.6	• 1	•0		160.0	-••							100.0	

## TABLE 3A

RIC COM	0-6	WIND 7-16	SPEED 17-27		41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	HDUR 06 09	(GHT)	16 21
N	1.7	.3	.0	•0	.0		2.0	5.0	1.2	3.2	2.3	1.1
NE	4.1	3.3	•2		.0		7.6	7.3	4.3	12.2	8.7	5.0
	9.5	25.0	1.7	.1	٠.		36.2	9.5	29.5	38.3	40.8	34.1
SE	10.1	24.4	2.2	•0	.0		36.7	9.6	45.7	32.8	33.6	36.6
4	4.3	4.2										
			• 4	•0	.0		8.9	7.7	9,8	5.2	7.3	13.3
SW	2.0	1.0	.1	•1	٠.		3.2	7.2	3.0	1.7	2.3	5.7
¥	. 8	.6		.0	.0		1.5	6.8	2.7	1.7	1.2	
NW	.7	. 4	•	ō	.0		1.2	6.8	1.5	1.9		
VAR				• • •							.5	1.1
	.0	.0	•0	•0	.0		.0	•0	•0	.0	.0	•0
CALM	2.8						2.8	.0	2.3	3.0	3.2	2.6
TOT DAS	446	733	50	2	0	1239	2	8.7	257	265	405	312
TOT PCT	36.0	59.2	4.7	• 2	.ŏ	••••	100.0	•••				
TO: PCI	-G.U	7706	4.7	• 6	.0		100.0		100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1916-1972 (OVER-ALL) 1861-1972

TARLE 4

AREA 0013 SOUTHEAST JAVA SEA 0.25 112.9E

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PERCENTAGE	FREQUENCY	Ω₽	MIND	SPEED	BY	HOUR	(GHT)

				WIND	SPEED (	KNOTS)			PCT	TOTAL
нвик	CALM	1-3	4-10	11-21	22-33	34-47	48+	HEAN	FREQ	085
00603	2.3	8.9	56.0	31.9		.0	.0	8.8	100.0	257
06609	3.0	8.7	54.7	32.8	.4	.4	•0	8.5	100.0	265
12615	3.2	6.7	63.5	26.2	.5	.0	.0	8.6	100.0	405
18621	2.6	7.7	63.1	25.6	1.0	.0	.0		100.0	312
TOT	15	97	743	355		i	0	8.7		1239
PCT	2.8	7.8	60.0	28.7	.6	•1	.0		100.0	•

TARLE 5

(,)

TABLE 6

ı	PCT FRE			CLUUD A D DIREC		(EIGHTHS)							CEILIN NH <5/					
WND DIR	0-2	3-4	5-7	8 & 085CD	TETAL CBS	COVER	000 149	150 299	300 599	600 999	1000 1999	2000 <b>3</b> 499	3500 4999	5000 6499	6500 7:99	6000+	NH <5/8 ANY HGT	
N	.0	.0	•0	.5		8.0	•0	•0	.0	.5	.0	.0	.0	•0	.0	.0	.0	
NE	.7	.7	. 5	.0		3.1	•0	•0	.0	.0	.0	•0	.0	.0	.0	.0	1.9	
E	13.4	8.5	12.0	. 5		3.5	•0	• ?	.0	1.5	4.6	.0	1.1	.0	.0	.0	27.6	
SE	18.2	19.9	12.0	2.2		3.4	•0	•0	•0	2.9	3.0	•0	.0	•0	.5	.0	45.9	
\$	3,4	.4	2.2	.4		3.6	•0	•0	.0	.5	.4	. 5	.0	•¢	•0	.0	4.9	
Sa	.0	•0	- 1	• 1		7.0	•0	• 0	.1	.0	.1	.0	.0	•0	.0	.0	•0	
¥	.0	.0	. 8	. 5		7.1	•0	•0	. 4	.5	.0	.0	.0	.0	.0	.0	.4	
NH	.0	.0	1.2	• 0		5.6	•0	• 0	.0	.0	.0	. 5	.0	•0	•0	.0	.7	
VAP	.0	.0	•0	•0		.0	•0	• 0	.0	.0	.0	.0	.0	•0	.0		•0	
CALH	.5	.0	•0	. 5		4.5	•0	• 0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	
TOT DAS	67	54	53	9	183	3,5	Ō	0	i	11	1š	Ž	2	ă	ì	Ťò	151	183
TOT PCT	36.6	29.5	29.0	4.9	100.0		•0	•0	.5	6.0	8.2	1.1	1.1	•0	• 5	•0	82.5	100.0

TARLE 7

#### CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NM >4/8) AND VSBV (NM)

				VSBY (NH	1)			
CESLING	• OR	• DR	e UR	• OA	● DR	• CR	- CR	= OR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
• GR >6500	.5	.5	.5	.5	.5	.5	.5	.5
■ DR >5000	.5	.5	. 5	. 5	.5	.5	.5	.5
■ DR >3500	1.1	1.6	1.6	1.6	1.0	1.6	1.6	1.6
■ DR >2000	2.2	2.7	2.7	2.7	2.7	2.7	2.7	2.7
■ DR >1000	4.4	11.0	11.0	11.0	11.0	11.0	11.0	11.0
■ UR >600	7.1	17.0	17.0	17.0	17.0	17.0	17.0	17.0
■ TR >300	7.1	17.6	17.6	17.6	17.6	17.6	17.6	17.6
■ DR >150	7.1	17.6	17.6	17.6	17.6	17.6	17.6	17.6
• OR > 0	7.1	17.6	17.6	17.6	17.6	17.6	17.6	17.6
12741	13	32	32	32	32	32	32	32

TOTAL NUMBER OF DBS: 182

PCT FRED NH <5/81 82.4

TABLE 7A

PERCENTAGE FREG OF LOW CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 8 OBSCO OBS 11.1 22.2 21.2 17.5 10.1 4.8 5.8 5.8 1.6 .0 189

PERIOD: (PRIMARY) 1916-1972 (OVER-ALL) 1861-1972

TABLE 8

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.96

ALL) 1	861-1972						TAI	BLE 8						6.25
		•	ERCENT		OF WIN							CURRENC TY	€ OF	
VSBV (NM)		N	NE	E	SE	s	Sw	¥	NW	VAR	CALM	PCT	TOTAL	
	PCP	.0	.0	.0	•0	•0	• ^	.0	• 0	.0	•0	.0		
€1/2	NO PCP	.0	.0	.0	.0	•0	•0	.0	.0	.0	•0	.0		
	TOT %	.0	.0	.0	.0	•0	•^	•0	•0	.0	•0			
	PCP	.0	.0	.0	.0	•0	•0	.0	•0	.0	.0	.0		
1/2<1	NO PCP	.0	.0	.0	.0	• 0	•0	.0	•0	.0	•0	.0		
	TOT %	.0	.0	•0	•0	•0	• 0	•0	•0	.0	•0	.0		
	PCP	.0	.0	.0	.0	•0	•0	.0	.0	.0	•0	.0		
1<2	NO PCP	•0	.0	. 8	.4	• 2	• 0	.0	.0	.0	•0	1.4		
	TOT %	.0	*0	.8	.4	•2	•0	•0	5	•0	•0	1.4		
	PCP	.0	.0	• 2	.0	•0	•0	.0	.0	.0	•0	.2		
2<5	NO PCP	.0	.0	.3	.3	•0	• 0	.0	.0	.0	•0			
	TOT %	•0	٠.	. 5	.3	•0	• 0	•0	•0	•0	•0	. 8		
	PCP	. 3	.3	.9		• 2	•0	. 2	.1	.0	.0			
5<10	NO PCP	.,	2.0	16.6	16.0	3.0	1.5	.6	. 3	.0	•4			
	TOT \$	1.2	2.3	17.5	16.9	3.2	1.5	. 8	• •	•0	• 4	44.3		
	PCP	.0	.0	.4	.7	•1	.4	.0	.0	.0	•0			
10+	NO PCP	1.0	2.5	16.5	23.1	3.8	.5	.4	1.3	.0	. 8			
	TOT %	1.0	2.5	19.0	23.8	3.9	٠,٥	•4	1.3	•0	. 0	53.5		
	TOT DBS												488	
	TOT PCT	2.3	4.8	37.9	41.3	7.3	2.4	1.1	1.7	•0	1.2	100.0		

TABLE 9

							ND DIRE				ED		
VSBY (NM)	SPD KT\$	N	NE	£	SE	\$	SW	W	NW	VAR	CALM	PCT	TOTAL DBS
• • •	U-3	.0	•0	•0	.0	. 1	.0	.0	.0	.0	.0	.1	•
<1/2	4-10	.0	• 0	.3	.4	.0	.0	.0	.0	.0	•	ž	
	11-21	.0	.0	.0	Ö	.0	.0	.0	.0	.0		.6	
	55+	.0	.0	.0	.0	.0	.0	.0	.0	.0		Ö	
	TOT %	.0	•0	. 3	.4	•1	.0	.0	•0	.0	.0	. 9	
	0-3	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	•0	.0	.0	•0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	•0	.0	.0	•0	.0		.0	
	22+	.0	•0	.0	.0	.0	.0	.0	.0	.0		.0	
	101 \$	.0	•0	•0	.0	.0	.0	•0	.0	.0	•0	.0	
	0-3	.0	•0	.0	.0	.1	.0	.0	.0	.0	.0	.1	
1<2	4-10	.0	•0	.2	.1	•0	•0	.0	.0	.0		.2	
	11-71	.0	•0	.5	.2	.0	.0	•0	•0	.0		,7	
	22+	.0	.0	•0	.0	.0	.0	.0	•0	.0		.0	
	TOT %	)	•0	•7	.3	•1	.0	•0	.0	.0	•0	1.1	
	0-3	.0	•0	.0	.1	.0	.0	.0	.0	.0	.0	.1	
2<5	4-10	.0	.4	.2	•1	• 1	.0	.0	•0	.0		.7	
	11-21	.0	• 0	.1	•0	•0	.0	• 0	.0	.0		.1	
	22+	.0	.0	.0	•0	.0	.0	•0	•0	.0		.0	
	TOT %	•0	.4	.3	•2	•1	.0	•0	•0	•0	•0	1.0	
	0-3	.0	-1	.4	.3	.3	.0	.0	•0	.0	.2		
5<10		. 6	1.4	4.6	4.3	1.4		• 2	٠2	.0		13.5	
	11-21	•1	. 4	6.5	•.0	•1	.2	. 2	.0	٠.		13.4	
	22+	.0		1		. • 1	٠.0	• 0	•0	.0		2	
	101 %	.7	1.8	11.6	10.6	1.9	.9	.5	. 2	.0	.2	24.6	
	0-3	. 0	.7	1.7	1.6	1.1	.4	.3	. 5	.0	2.5		
10+	4-10	.7	3.4	17.5	16.4	3.5	1.1	• 2	.4	.0		43.2	
	11-21	.0	•2	5.8	4.8	1.0	- 1	•0	.0	.0		15.9	
	22+	.0	.0		• 0	•0	.0	• 0	•0	.0		0	
	TOT S	1.2	4.3	25.0	26.8	5,6	1.6	.5	. 8	.0	2.5	68.4	
	TOT DES							_					805
	TOT PCT	2.0	4.6	37.9	34.4	7.9	2.6	.9	1.1	.0	2.7	100.0	

PERIOD: (PRIMARY) 1914-1972 (DVER-ALL) 1861-1972

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TABLE 10

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9E

( )

PERCENT FREQUENCY OF CFILING HEIGHTS (FEET,NH >4/8) AND OCCURRENCE OF NH <3/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 34 <b>99</b>	4500 4999	5000 6499	6500 79 <b>49</b>	8000+	TOTAL	NH <5/8 Any hgt	TOTAL OBS
00203	.0	.0	1.8	5.4	7.1	1.0	.0	.0	.0	•0	16.1	83.9	56
<b>90360</b>	.0	.0	•0	5,3	12.3	•0	1.5	.0	•0	.0	19.3	80.7	57
12615	.0	•0	.0	6.3	3.1	•0	.0	.0	3.1	•0	12.5	87.5	32
18621	.0	.0	•0	7.1	7.1	2.4	2.4	.0	.0	.0	19.0	81.0	42
TOT	0	0	1	.11	15	. 2	, 2	0	1	0	32	155	187

TABLE 11

TABLE 12

		PERCENT	FRFQUEN	CY VSBY	(NM)	BY HOUR		CUMULAT					VSBY (NM) NUCH YBKE	
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL CBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL Des
00603	1.2	.0	1.5	1.8	26.6	68.6	169	E0300	•0	1.6	7.3	9.1	83.6	55
90360	1.2	.0	2.3	1.2	30.1	65.3	173	<b>9</b> 0360	•0	•0	5,5	14.5	80.0	55
12615		.0	•7	.7	25.7	72.4	272	12615	.0	•0	6,3	6.3	87.5	32
18621	1.0	.0	.5	.5	33,2	64.8	199	18621	•0	.0	7.5	12.5	80.0	40
101	7	o a	10		233	555	#13 100-0	TOT	0	1	12	. 20	150	182

TARLE 13

TABLE 14

	<b>₽</b> ERCI	NT FR	EQUENC	OF R	ELATIV	E HUMIC	DITY B	Y TEMP	TOTAL	PCT		PERC	ENT FR	EQUENC	Y ÚF W	IND DI	RECTION	8 BY 76	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FREQ	N	NE	ε	SE	š	SW	W	NW	VAR	CALM
90/94 85/89 80/84 75/79 70/74 TCTAL	• • • • • • • • • • • • • • • • • • • •	.0	•0	•0	.0	.3 2.6 30.1 1.2 .0	.0 .9 42.9 2.0 .0	9.0 2.6	3 19 302 20 1	5.5 87.5 5.8 .3	.0 2.2 .4	.0 3.0 .1	2.2 33.6 .7	1.9 37.4 2.1	.0 .2 6.7 1.4	.0 1.7 .6	.0	.0	.0	.0 1.4 .0
PCT	.0	.0	-	• 9	7.0				319		2.6	4.1	37.0	41.7	8.4	2.2	1.3	1.2	.0	1.4

TABLE 15

	MEANS, E	EXTREME	S AND	PFRCEN	TILFS I	OP TE	4P (DE	G F; 8	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTIGIML	BY HOUS	t .
HOUR (GPT)	MAX	998	95%	50%	5%	1*	MIN	MEAN	TOTAL OBS	HQUR (GHT)	0=29	30-59	60-69	_		90-100	MEAN	TOTAL DES
00609	92 91 91	91 90 88	87 88 84	82 83 82	79 80 79	79 78 78	77 78 73	82.6 83.4 82.0	252 258 406	00E03 06E09 12E15	.0	1.4 .0 1.0	5.6 15.5 2.0	29.6 43.5 38.4	52.1 30.6 42.4	11.3 9.4 16.2	81 78 82	71 85 99
18621 TOT	87 92	14	83 86	81 82	78 79	76 77	76 73	81.0 82.1	310 1226	18621 TOT	•0	1.0	5.1 25	120	58.2 162	11.2	82 81	98 353

PERIOD: (PRIMARY) 1916-1972 (DVER-ALL) 1861-1972

TABLE 17

AREA 0013 SUUTHEAST JAVA SEA 6.25 112.9E

PCT FREO OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	85	89	TOT	ĸ	WD
TMP DIF	76	80	84	85	92		FÜC	FOG
9/10	.0	•0	. 3	.0	. 3	2	•0	
7/8	.0	.0	.6	٠,	1.2	6	• •	1.7
6	.0	.0	. 3	.0	1.2	š	.0	1.5
6 5	.0	.0	.0	.6	.,	5 5	.0	1.5
4	.0	.0	.3	5.6	.0	10	.3	2.6
4 3 2	.0	•0	. 9	2.6	.0	12		3.5
5		.3	5.2	2.9	ě	12	•0	
•						29	•0	8.4
1	.0	• 3	7.6	1.2	• 0	31	•6	8.4
0	٠.٥	2.6		.3	.0	85	1.5	23.3
-1	.0	.9	11.6	.9	. ა	46	.6	12.8
-1 -2	.0	2.3	14.2	.0	.0	57	•6	16.0
~3	.0	1.5	4.9	.0	.0	22	• 5	6.4
-4	.3	2.3	4.4	.0	.0	24	• 5	7.0
-5	.0	.6	. 3	.0	.0	3	• 5	,,,
-6	.0	.6		ő	.õ			
-7/-8						2	• 0	.6
-//-0	.3	16	.3	.0	• •	1	•0	1.7
-9/-10	.0	.0	. 3	•0	• 0	1	• 0	•
TOTAL	2		251		12		12	332
		11.9		38		344		3-4
PCT	. 6	11.9	73.0	11.0	3.4	100.0		04.4

PERIOD: (OVER-ALL) 1963-1972

				90	T FREO	OF WIND	SPEED	(KTS) AND DIRE	CTION V	/E#505 S	EA HEIG	HTS (FT	;	
HGT	1-3	4-10	11-21	N 22-73	34-67	48+					NE			
<1				.0	.0	***	PCT	1-3	4-10	11~21	22-33	34-47	46+	PCT
1-2	.0	.7	.0	.0	.0	.0	.0	•0	.2	.0	.0	•0	٠.	•2
3-4	.č		.0	.,	.0	.0	•7	•0	•0	•0	•0	•¢	.0	•0
5-6	.0		0	.0	.6	.0	.0	-9	•0	.0	•0	• 0		.0
7	.5	.0	.0		.0	.0		•0	•0	•7	•0	•0	.0	•7
9-9			.0		.0	.0	.0	•0	•0	.0	.0	•0	.0	•0
10-11		.0	•0	.0	.0	.0		•0	• (	.0	•0	•0	•0	•0
12			•0	.0	.0	.0	•0	•0	•0	•0	•0	•0	٠.	•0
13-16	.5	.0	.0	.0	.0	.0	.0	•0	•0	•0	•0	•0	٠0	•0
17-19	.0	.0	9	.0	.6	.0	•0	•0	•0	.0	•0	•0	.0	•0
20-22	.5	.0	.0		.0	.0	.0	•2	• 5	٠.٥	•0	•0	.0	.0
23-25		.0	.0	.0	.0	.0	.0	•0	•0	•0	•0	•0	.0	•0
26-32	.0			.0	.5	.0	.0	• 0	•0	•0	.0	•0	.0	•0
33-40	.0	.0	.0	.0	ໍ້າ		•6	•0	•0	•0	•0	•0	.0	•0
41-48		.0	.0	.0	٥٠		.0		•0	.0	•0	•0	.0	•0
49-60	.0	. 0	.0	.0	.0	.0	.0	.0	•0	.0	.0	•0	.0	•0
61-70	.c	.0	.0	.0	.0	.5			• 5	•0	.0	• 0	.0	.0
71-86	.0	.0	•0	.0	.0	ě	.0	.0	.0	.0	.0	•0	•0	••
87+	.0	.0	٠.		.0		•0			•0	-0	. 3	•0	•0
TOT PCT	.c	. 7	.0		ě	.5	• 7	• • • • • • • • • • • • • • • • • • • •	.0	٥.	• 0	•0	٠,٥	•0
			• •	•••	••	••	• ′	•0	••	.7	•0	•0	•0	.8
HGT	1-3	4-10	11-21	E 22-33	34-47	48+	PCT	1-3	4=10		SE			
₹1	.7	2.5	.0	.0	.0	0	3.1		2.0	11-21	22-33	34-47	48+	PCT
1-2	. 0	4.5	7.2	·ŏ	.5	:ŏ	15.7	•0	5.9		•0	•0	•0	2.0
3-4	. 0	4.2	10.1	.ŏ	.0	.0	14.4	2.0	3.1	22.2	•0	•0	•0	30-1
5-6	. 5	.0	2.6	.ŏ	.ŏ	٠٥	2.8	.0	3:7	14.1	.0	•0	٠.	17.2
7	.0	.0	2.5	•0	·ŏ	.0	2.5	ŏ	ó		•0	•0	.0	5.1
8-9	.0	.0	7	.0			Ť	0	.0	1.5	•0	•0	.0	1.5
10-11	.0	.0	.0					ő	٥	•0	.0	•0	.0	•0
12	.0	.0	.0	.0	.0		č	ő	.0	.0	•0	•0	•0	•0
13-16	.0	.0	.0	.0			.0	.0	.5		.0	•0	.0	•0
17-19	.0	.0	.0	.0	.,		ě	ŏ	.0	.0	•0	•0	.0	•0
20-22	.0	.0	•0	•0	.0	.,		ň	.0		•0	•0	.0	•0
23-25	.0	.0	.0	• 6	.0			n	ŏ	.0	•0	• 0	.0	•0
26-32	.0	.0	• 0	.0	. 0			ő	.5			•0	.0	•0
33-40	.0	.0	•0	.0	.0			ŏ	ŏ	.0	•0	•0	•0	,0
41-46	.0	.0	.0	.0	.0			ŏ		.0		•0	• 2	•0
49-60	.0	.0	.0	.c	.0	.0		ŏ	.0	.0	•0		•0	•0
61-70	.0	.0	.0	.0	.0	.ŏ	.0		iŏ	.0	•0	•0	•0	.0
71-86	.0	.0	.0	.0	.0			ő	.0		.0	•0	•0	٠,
87+	.0	.0	.0	• 6	.õ	.0	.0	ě	•0	.0	•0	•0	٠٥.	•0
TOT PCT	.7	15.2	23.2	.5	.0	.0	37.1	2.0	11.6	42.2	.0	•0	•0	55.7

PERIOD:	(OVE	R-ALL)	1963-	1972				TABLE	JUNE 18 (CONT	,			AREA	0013	\$0UTHE/ 25 11/	AST JAVA SEA
				PC	T FREO	OF WIND	SPEED	(KTS)	AND DIRE	CTION	VERSUS S	EA HEI	GHTS (FT:			
HGT	1-3	4-10	11-21	5 22-13	34-47	48+	PCT		1=3	4-10	11-21	5w 22-33	34-47	48+	PCT	
<1	.0	.0	•0	.0	.0	.0	.0		.0	.0		.0	.0	7.0	.0	
1-2	.7	.5	•0	•0	.0	.0	1.1		.0	, 2			.0	.0	ž	
3-4	.0	.5	•0	•0	.0	.0	.5		.0	.0		.0	.0	.0		
5+6 7	•0	•0	•0	.0	•0	•0	•0		.0	.0	.0	.0	.0	.0		
8-9	•0	.0	•0	•0	.0	•0	•0		•0	.0		.0	•0	.0	.0	
10-11	.0	.0	•0	.0	.0	•0	•0		.0	.0		.0	•0	.0	.0	
12		.0	•0	.0	.0	.0	.0		•0	•0	•••	.0	•0	.0	.0	
13-16	ŏ	:0	•0	.0	•0	•0	•0		•0	•0		.6	•0	.0	.0	
17-19	ě	ŏ	•0	•0	.0	•0	•0		• 0	•0		•0	•0	•0	•0	
20-22		.0	.0	.0	.0	.0	•0		•0	•0		•0	•0	•0	•0	
23-25	.õ	.0	ě	.0	ő	.0	:0		•0	٥.		.0	•0	•0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0		.0	.0		•0	•0	•0	•0	
33-40	.0	.0	.0	.0	ŏ	.0			.0	.0		•0	•0	•0	.0	
41-48	.0	.0	.0	.ŏ		.0	.0		ěŏ	.0		٠,٥	•0	•0	•0	
49-60	.0	.0	•0	.0	.0	.0	.0		ŏ	.0		•0	•0	.0	•0	
61-70	.0	.0	.0	.0	.0	.0	.0		.0	i			•0	.ŏ	•0	
71-86	.0	.0	•0	.0	•0	.0	.0		.0	.0		.0	.0	ě	.0	
874	•0	.0	•0	.0	.0	.0	.0		.0	.0		.0	.0	ŏ	.0	
TOT PCT	.7	1.0	•0	•0	•0	•0	1.6		•0	.2	.2	.0	•0	.0	.3	
				W								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1_	.5	.0	•0	•0	•0	.0	.5		• 2	.7	.0	40	•0	.0	. 8	761
1-2 3-4	.0	.0	•0	•0	.0	.0	•0		.0	.0	.0	.0	•0	.0	.0	
5-6	.0	•0	.5	•0	•0	•0	.5		•0	•0	.0	.0	•0		.0	
7	.0	.0	•0	•0	•0	•0	•0		•0	.0	.0	.0	•0	.0	.0	
8-9	.0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	.0	.0	
10-11	·ŏ		•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	•0	•0	
12			•0	.0	.0	.0	•0		•0	•0	•0	•0	•0	•0	•0	
13-16	.0	.0	•0		.0	.0			•0	•0	•0	.0	•0	•0	.0	
17-19	.0	.0	.0		ö	.0			.0	.0	•0	•0	•0	.0	•0	
20-22	.0	.0	•0	•0	.0	.0			ő	.0	•0	•0	•0	•0	•0	
23-25	.0	.0	•0	•0	.0	.0			.0	ò	•0	.0	•0	•0	•0	
26-32	.0	.0	.0	.0	.0	.0			ň		•0	.0	•0	•0	•0	
33-40	.0	.0	.0	•0	.0	.0	.0		ő	.0	.0	:0	•0	.0	•0	
41-48	.0	.0	.0	.0	.0	.0	.0		ŏ	.0	.ŏ	:0	.0	.0	•0	
49-60	•0	.0	•0	.0	٠.	.0	.0		.0	.0			•0	:0	.0	
61-70	.0	.0	•0	.0	.0	•0	•0		.0	.0	.0	.0	•0	.0	•0	
71-86	•0	.0	•0	•0	.0	•0	.0		.0	.0	.0	.0	•0		.0	
67+ TOT PCT	.0	•0	•0	.0	.0	•0	.0		•0	.0	.0	•0	•0	.0	.0	
101 761		•0	.5	•0	•0	•0	1.0		• 2	•7	.0	•0	•0	.0	.8	100.0

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	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33		46+	PCT	TOT
<1	1.3	5.2	•0	.0	. ?	.0	6.5	235
1-2	2.6	15.7	29.4	ŏ	·ó		47.7	
3-4	.0	7.9	24.8	ŏ		.0	32.7	
5-6	.0	7	7.8	ě	.0			
7	.ŏ	ó	3.9			.0	8.5	
8-9				•0	.0	.0	3.9	
	•0	•0	•7	.0	•0	.0	.7	
10-11	•0	•0	.0	.0	.0	.0	.0	
12	.0	•0	.0	•0	.0	.0	.0	
13-16	.0	•0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	· c	.0	.0	.0	ŏ	
23-25	.0	. 0	.0	.0	.0	.0		
26-32	•0	.0				.0	ě	
33-40	.0	ŏ	.c	ŏ				
41-48				.0		•0	.0	
49-60	.ŏ	:0				•0	.0	
61-70	.5			•0	.5	.0	•0	
		.0	•0	.0	• C	.0	.0	
71-86	•0	•0	.0	•0	.0	•0	.0	
87+	.0	•0	.0	•0	.0	.0	.0	
TOT PCT	3.9	29,4	66.7	.0	.0	.0	100.0	153

PERIOD: (DVER-ALL) 1949-1972 TABLE 19 PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) 8-9 10-11
.0 .0
1.5 .5
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.1 .5 .5 9-80 61-70 71-86 .0 TOTAL 150 36 2 0 0 1 5 194 100-0 \$.2 .0 .0 .0 .0 .0 5-6 7.2 3.1 .5 .0 .0 .5 .0 22 1-2 34.0 4.1 .0 .0 .0 1.0 76 39.2 3-4 24.7 8.8 .0 .0 .0 .0 .0 .0 .7 34.5 12 13-16 17-19 20-22 23-25 26-32 .0 .0 .0 .0 .0 3.1 .5 .0 .0 .0 0000000000 0000000000 0000000000 0000000000 0000000000 ...... ...... 000000000

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9E

PERCENT	FREGUENCY	0#	MEATHER	DCCURRENCE	BY	WIND	DIRECTI

					• • • • • • • • • • • • • • • • • • • •										
			,	RECIPI	TATIO	N TYPE					DTHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	MAIN SHWR	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCP.I PAST HGUR	THOR	FDG WD PCPN	FUG WD PCPN PAST HR	SMOKE	SPRAY BLWG DUST BLWG SNOW	NO SIG
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54.5	.0	45.5
NF	12.1	2.0	.ò	.0	.0		.0	14.1	•0	.0	2.0	.0	14.1	.0	69.7
	.0	1.8	.0	.0	.0	.ò	.0	1.8	1.3	1.1	1.1	.0	2.9	.0	91.7
ŠF	. 6	3		.6	.0			1.0	.2	1.0	0	ŏ	. 6	.0	97.2
ξ.	.0	3.5	.ŏ	.0	•0		.0	3.5	.0	2.3	2.3	.0	2.3	.0	89.5
Šw	.0	.0	.0	.ŏ	.0		.0	.0	5.6		14.5	ò	.0	.0	79.7
¥	.0	.0	.0	.ŏ	.0			.0	•0	.0	10.5	ŏ	10.5	.0	78.9
N»	:0	ŏ	.0	.ŏ	.0				.0	.ŏ	12.5	.0	12.5	.0	75.0
VAR		.0			.0		.c		.0			ō			0.0
		.0	.0		.0			.0	•0		.0	ŏ	•0		100.0
CALM	.0	.0	.0	.0	••		••	••	••		••	•0	•0	••	*00.0
TOT PCT TOT CBS:	1.0	1.2	.0	.0	•0	•0	.0	2.2	.7	1.0	1.7	.0	3.5	•0	90.8

TABLE 2

## PERCENT PREQUENCY OF WEATHER OCCUPRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MFNA	
HOUR (GMT)	RAIN	#AIN Shur	CR7L	FRZG PCPN	SNOW	DTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THER	FBG WD PCPN	FOG WO PCPN PAST HR	SMOKE	SPRAY BLHG DUST RLHG SHDH	
00£03 C6£09 12£15 18£21	.0 .9 1.5 2.0	4.9 .0 .0 3.0	.0	.0	.0	.0	.0 .0 .0	4.9 .9 1.5 5.0	1.2 .9 .0 1.0	.0 1.5 2.0	2.5 2.8 2.3	•0	3.7 6.6 3.8 4.0	.0 .0 .0	87.7 88.7 91.0 68.0
TOT PCT TOT CBS:	1.2	1.7	.0	.0	•0	.0	.0	2.9	•7	1.0	1.9	•0	4.5	•0	89.0

TARLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

HND DIR	0-3			EC (K%01 22-33 3		48+	TOTAL OBS	PCT FREQ	HEAN SPO	00	03	06	HOUR 09	(GMT) 12	15	18	21
NE E Se Su	.1 .3 1.3 2.0 1.1	.7 4.6 19.6 26.5 9.0 2.9	10.6 10.1 2.7 1.0	.0 .1 .8 .2 .2	00000000	••••••		.8 6.5 32.4 38.8 13.0 4.3	5.6 8.7 9.9 8.9 8.3 8.7	.0 .3 15.0 47.5 24.8 5.4	1.0 6.4 30.4 44.8 7.9 1.0	25.8 50.8 10.5 5.8	2.2 14.9 39.0 20.6 7.1 1.1	2.0 10.6 39.0 31.2 9.9	34.9 40.0 11.5	.0 6.6 43.3 33.1 11.9 2.0	2.5 25.6 41.7 17.4 9.2
NW VAR CALM TOT CBS TOT PCT	.3 .0 2.5 110 8.5	.5 .0 833 64.4	.0 .0 335 25.9	.0 .0 16 1.2	.0	.0	1294	2.5 100.0	• 0 • 0 • 3	.0 .0 5.3 152 100.0	1.0 .0 4.0 101 100.0	2.6 .0 1.1 95	2.5 .0 1.1 178 100.0	1.0 2.0 250 100.0	.0 2.1 195 100.0	1.7 99	.0 .0 2.2 224 100.0

•	٠.	2	34	

NND DIR	0-6	WIND 7-16	SPEED 17-27	(KNCTS) 28-40	41+	TOTAL DBS	"CT FREQ	MEAN SPD	00	HDUA 06 09	(GHT) 12 19	18 21
N	.0		.0	.0	.0			5.6		1.5	1.2	.0
NE	2.2	3.9	.3	.0	.0		6.5	8.7	2,8	10.5	1.2	3.7
E	7.7	22.1	2.5	.1	.0		32.4	9.9	21.7	34.4	37.2	32.4
SE	11.0	25.5	1.6	i	.0		30.8	8.9	46.4	37.6	35.1	39.1
•	5.1	7.1	.,7	.5	.0		13	8.3	18.1	8.8	10.6	15.7
Sw	1.6	2.4	.3	.0	.0		4.3	8.7	3.7	2.7	3.7	7.0
¥		.2	.0	•0	.0		.9	4.2	1.0	.7	1.0	.3
NM	,7	•1	.0	.0	,0		. 8	4.0	- 4	2.6	. 6	.0
VAR	.0	.0		.0	.0		.0	.0	.0	.0	, ŏ	.0
CALM	2.5	• • •	•••	•••	. •		2.5	.ŏ	4,7	1.1	2.5	1.9
						1204	213					
TOT ORS	424	796	71	,	6	1294		8.8	253	273	445	323
TOT BCT	32.6	61.5	5.5	.2	-0		100.0		100.0	100.0	160.0	100.0

							JULY	,				
PERITO: (PRIMARY) (OVER-ALL	1916-197 1857-197						TARLE	4			AREA	GUTHEAST JAVA SE 25 112.9F
			PER	CENTAGE	FREQU	ENCY OF	WIND S	PEED BY	HOUR	(GMT)		
	HDUR	CALM	1=3	4-10		SPEED 22-33			MEAN	PCT FREQ	TOTAL DBS	
	00603 06609 12615 18621 TUT PCT	4.7 1.1 2.5 1.9 32 2.5	6.7 9.2 5.2 4.0 78	59.3 60.1 67.4 67.6 833	28.5 28.9 23.1 25.1 335 25.9	.7 1.8 1.2	• 6	.0	8.9	100.0 100.0 100.0 100.0	253 273 445 323 1294	

TAPLE	5		

TABLE 6

•	CT FRE			CLUUD A		(EIGHTHS)		•					CEILIN NH <5/					
MAD DIS	0-2	3-4	5-7	8 & 085CD	TCTAL FBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 <b>99</b> 9	1000 1999	2000 3499	3500 49 <b>9</b> 9	5000 6499	6500 7999	8000+	NH <5/8 Any hgt	
N	.0	.0	.0	.0		•0	•0	• 2	.0	.0	.0	.0	.0	.0	•0	.0	.0	
NE	1.0	1.2	.0	. 8		3.9	•0	•0	•0	.0	. 8	•0	.0	•0	•0	.0	2.2	
Ę	15.9	11.3	4.8	2.2		3.1	•0	• ^	. 8	.6	.8	.8	.6	•0	•0	.0	30.6	
ŠE	22.6	13.5	7.3	2.6		2.9	•0	• 0	• 0	1.0	1.6	.8	. 2	. 6	•2	.0	41.5	
Š	3.0	2.4	2.8	.0		3.7	•0	.0	.0	.0	. 8	1.4	.0	•0	•6	.0	5.4	
Ša	1.2	.2	.4	. 8		4.2	•0	.0	.0	.0	.0	1.2	.0	•0	•0	.0	1.4	
¥		.0	.6	.0		3.5	•0	• 0	.0	.0	.0	.6	.0	•0	•0	.0		
Ñ'n	. 8	. 0	•0	•0		2.0	•0	• 0	.0	•0	.0	•0	.0	•0	•0	.0	. 8	
VAR	.0	.0	•0	.0		•0	•0	• 0	• ?	.0	.0	•0	.0	•0	•0	.0	•0	
CALM	1.6	2.4	•0	.0		2.5	•0	.0	.0	.0	.0	.0	.0	•0	•0	.0	4.0	
TOT DBS	59	39	20	8	126		Ö	Ō	1	2	5	6	1	1	1	0	109	126
TOT PCT	46.8	31.0	15.9	6.3	100-0		•0	•0	. 8	1.6	4.0	4.8	.8	.8	.8	•0	86.5	100.0

TARLE 7

# CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING MEIGHT (N° >4/8) AND VSBV (NM)

				VSBY (NH	,			
CEILING	- CR	- OR	• CR	• 7R	• DA	• GR	■ FR	■ DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
- TR >6500			.8	.8		.8	.8	
■ CR >5000	1.6	1.0	1.6	1.6	1.6	1.6	1.6	1.6
<ul> <li>PR &gt;3500</li> </ul>	2.4	2.4	2.4	2,4	4	2.4	2.4	2.4
● CH >2000	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
- DR >1000	10.2	10.2	11.0	11.0	11.0	11.0	11.0	11.0
■ FIR >600	11.8	11.8	12.6	12.6	12.6	12.6	12.6	12.6
■ DR >300	11.8	12.6	13.4	13.4	13.4	13.4	13.4	13.4
• DR >150	11.8	12.6	13.4	13.4	13.4	13.4	13.4	13.4
• DR > 0	11.8	12.6	13.4	13.4	13.4	13.4	13.4	13.4
TOTAL	15	16	17	17	17	17	17	17

TOTAL NUMBER OF OBSI 127

PCT FRED NH <5/81 86.6

### TABLE 7A

#### PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

c	1	2	3	4	5	6	7	. 0	BSCD	085
15.4	22.3	26.2	17.7	5.4	6.9		1.5	3.8	•0	130

									JOLA						
PERIOD: (PRIM) (OVER-	-ALL)	1916-1970 1857-1970							SLE 8					A 0013	SOUTHEAST JAVA S
			•	PERCEN	T FREQ PRE	OF WIN	ID DIRE	CTION TH VAR	vs acc Ying v	UKRENC ALUES	F GR N DF VIS	IBILI	CURRENC	E OF	***************************************
	VSBY		N	NE		SE	S	\$w	W	NH		CALM		TOTAL	
	<1/2	PCP ND PCP	.0	.0	.c	•0	•0	•0	.0	•0	.0	.0	.0	OBS	
		TOT \$	.0	.0	.0	:0	•0	•0	.0	.0	.0	.0	.0		
	1/2<1	HD PCP	.c	.0	.0	.0	•0	.0	•0	.0	.0	.0	.0		
		TOT %	.0	.0	.2	•0	•0	•0	•0	•0	.0	•0	.2		
	1<2	PCP No PCP	.0	.0	.0	.0	•0	•0	.0	•0	.0	.0	•0		
		TOT %	.7	,4	,7	•2	•0 •2 •2	•0	.0 .1	.5	.0	.0	3.0		
	2<5	PCP No PCP	.0	.2	•0	•0	•0	.0	.0	.0	.0	•0	.2		
		TOT &	.0	.5	.0	•0	•0 •2 •2	•2	.0	•0	.0	•0	1.0		
	5<10	PCP ND PCF	.0	2,5	10.6	4	•1	•0	.0	•0	.0	•0	1,7		
		TOT %	.4	3.1	10.9	12.3	5.6 5.7	2.4	.6	•2	.0	1.0	35.8 37.6		
	10+	PCP ND PCP	.0	0		0	•2	•0	.0	•0	.0	•0	.2		
		TOT &	.,	2.2	21.3 21.3	25.4 25.4	4.4	1.7	.4	1.2	ŏ	1.2	58.0 58.2		
	,	OT OBS							•		••	107	70.2		

TOT PSS TOT PCT 1.4 6.2 33.8 38.3 10.6 4.9 1.2 2.0

TABLE 9

.0 2.2 100.0

402

				PERCE	NT FRI HTIW	W AG DE Varyin	IND DI G VALU	RECTIO ES DF	N VS WI	ND 591	EED		
VSBY (NH)	SPO KTS	Ŋ	٧E					w	NW	VAR	• • • •		
1.477	0-3	_						•	***	YAK	CALM	PCT	TOTAL
<1/2		.0	•0		) .(		.0	.0	.0	_			Jas
41/6	4-10	.0	- 1	• 1			.0	.0		.0	•0		
	11-21	.0	.1	.1			.ŏ		.0	.0		. 5	
	22+	.0	.0					•0	.0	•0		,1	
	TOT %	.0	.2				.0	• 0	.0	•0		.0	
		• • •	••	••	• • •	.1	.0	-0	.0	٠.	•0	.7	
	0-3	.0	.0				•		_				
1/2<1	4-10	.0	٠.٥	.1			.0	.0	.0	.0	.0	.0	
	11-21	.0	:5				.0	•0	.0	.0		. i	
	22+	.0		.0			.0	•0	.0	.0		:0	
	TOT \$	.0					.0	.0	.c	.õ		• • •	
		••	.0	•1	.0	.0	٠٥.	.0	.0		.0	.0	
	0-3	.1	.0		_							••	
1<2	4-10	.3		•0			.0	-1	.1	.0	.0	.3	
	11-21		•2	• •		.1	.0	.0	.1		•0	. • 5	
	22+	.0	•0	•0		.0	.0	.0	.0			1,3	
		.0	.0	.0	.0		.0			.0		.1	
	TOT \$	.4	.2	.4	.3			.1	.0	٠ŏ	_	0	
		_				• • •	••	••	.,	.0	•0	1.7	
2.48	0-3	.0	.0	.0	.0	.0	.0	.0		_			
2<5	4-10	•0	• 1	.0	•1	.0	.1		.0	•0	•0	.0	
	11-2;	.0	• 1	.0		.1		•1	•0	•0		.4	
	22+	.0	.0	.0			•1	.0	.0	٠0		. 4	
	TOT %	.0		.0	.1		.0	.0	.0	.0		.0	
			•••	•••	• 1	•1	.2	• 1	•0	.0	.0	, i	
	0-3	.0	.2	. 3	.3	•1						•	
5<10	4-10	.2	1.3	4.2	4.6		.0	•1	•0	.0	.5	1.6	
	11-21	.0		2.1	7.5	2.5	1.0	. 2	.1	.0		14.2	
	22+	.0			2.3	. 6	.3	.0	•0	.0		5.6	
	TOT %	ž	1.7	.0	0	.0	.0	.0	.0	.õ			
		• • •	1.7	6.6	7.2	3,5	1.3	. 3	i		.5	21.4	
	0-3	.0	.2			_	_	_		-			
10+	4-10	.3	2.3	15.4	1.7	3	. 5	.3	.1	.0	1.9	5.7	
	11-21	.6	1.0		21.2	5.2	1.8	.3	. 5	·ò		47.0	
	22+			7.3	9.2	2.2	.7	.0	.0			33.4	
	TOT #	•0	0	1	.0	.0	.0	.0	.ŏ	.0		22,4	
	.01 *	• 3	3.4	25.6	32.1	7.8	3.0		:,	.0	1.9	75.3	
7.	DT DRS								• •	••	147	13.5	
Ť	DT PCT	. 9	5.8	33.0	39.9	11.4	4.5						749
							7.2	1.0	1.1				

JULY

PERIUD: (PRIMARY) 1916-1970 (DVER-ALL) 1657-1970

\*\* \*\*

Kongsidanski podosnosa susigena i bandasi akun produkta arabada arabada kangsa kangsa kangsa kangsa kangsa kan

TABLE 10

AREA 0013 SQUTHEAST JAVA SEA 6.25 112.9E

Ĭ

# PERCENT FREQUENCY OF CFILING HEIGHTS (FEET,NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	190 299	300 599		1000 1 <b>9</b> 99					8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00603	.0	.0	3.4	6.9	6.9	6.9	.0	3.4	3.4	•0	31.0	69.0	29
90360	.0	.0	.0	.0	2.9	2.9	.0	. 0	.0	.0	5.9	94.1	34
12615	.0	.0	.0	.0	2.7	2.7	.0	.0	.0	•0	5.4	94.6	37
18621	.0	.0	.0	.0	3.3	6.7	3.3	.0	.0	•0	13.3	86.7	30
TOT PCT	.0	.0	.8	1.5	3.6	4.6		. 8		.0	17 13.1	113 56.9	130

TABLE 11

TABLE 12

		PERCENT	FREQUES	CY VSBY	(NM)	BY HOUR		CUMULAT					VSBY (NH) 1/BY HOUR	AND/OR
HOUR (GMT)	<1/2	1/2<1	1<7	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+		TOTAL DBS
00603	.0	1.4	2.9	.0	26.1	69.6	138	00603	•0	3.6	10.7	21.4	67.9	28
90360	.7	.0	4.1	3.4	23.0	68.9	148	90360	.0	.0	2.9	2.9	94.1	34
12615	.7	.0	1.4	.0	18.9	78.9	285	12615	•0	.0	.0	5.7	94.3	35
18821	1.0	.0	2.0	.5	23.2	73.2	198	18621	•0	.0	.0	13.3	85.7	30
TOT	5	2	18	. 8	170	568 73.9	769	TOT	.0	1	4.1	13	110	127

TARLE 13

TABLE 14

	PERC	ENT FR	Equercy	7 DF #8	ELATIV	E HJMI;	)   TY   B	Y TEMP	TOTAL	PCT		PERC	ENT FR	EOUENC	Y DF W	140 011	RECTIO	8 BY T	E4P	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	90-89	90-100		FREQ	N	٧E	E	SE	5	54	#	NH	VAR	CALM
90/94	.c	.0	.0	.4	.0	.0	.0	.0	1	.4	.0	.0	.4	.0	.0	۰.	.0	.0	.0	.0
85/89	.0	• ?	.0	•0	1.9	1.5	.4	.0	10	3.8	.0	. 5	1.6	.6	. 2	. 6	. ò	.0	.0	. 4
80/84	.0	• 2	.0	. 8	8.0	36.8	23.0	5.4	193	73.9	2.1	5.3	23.7	29.7	7.1	2.3	1.1	2.3	-0	. 4
75/79	.0	.0	.0	.0	. 9	5.5	7.7	4.2	56	21.5	.0	1.5	4.5	6.2	4.8	3.0	.7	.0	.0	
70/74	.0	.0	.0	•0	• 0	.0	.0	.4	1	. 4	.0	.0	.4	• 0	.0	.0	.0	.0	.0	. 0
TOTAL	Ü	0	C	3	28	123	81	26	261	100.0										
PCT	.0	.0	.0	1.1	10.7	47.1	31.0	10.0			2.1	7.3	30.6	36.5	12.1	5.8	1.8	2.3	•0	1.5

TABLE 15

	AFTM21	EXTREM	ES AND	PERCEN	ITTES	DE LEI	49 (DE	G F)	Y HOUR		PERC	ENT PRE	GUENCA	Or KELA	TIVE H	OHIDITY	84
HOUR (GHT)	MAX	992	95%	50%	54	1%	MIN	MEAN	TUTAL DBS	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	M
00603	91 93	8 8	85 86	61 62	77 79	75 77	73 77	80.9	254 262	E0300	.0	1.5	5.9 18.2	43.1	29.4	21.6	
12615	86 85	84	83 82	81 80	78 76	76 75	75 73	80.7 79.7	449 327	12615	.0	2.4	9.5	45.2	36.9	11.8	
TOT	93	87	64	61	77	75	73	\$0.9	1292	TOT	Ö	3	20	132	86	28	

TABLE 17

AREA 0013 SQUTHEAST JAVA SEA 6.25 112.9E

PCT FREO OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

SEA 7	AIR-SEA
	THP DIF
	7/8
	6
	5
	4
	3
	5
•;	7
	•
	Ÿ
	-1
1.2	-4
	-5
AP 14	LUIAL
T 3.6	PCT
-8 -3 AL 12	6 5 6 3 2 1 0 -1 -2 -3 -4 -5 -6 77/-8 TOTAL

PERIOD: (OVER-ALL) 1943-1970

				•6	T FRED	OF WIND	SPEED	(KTS) AND	DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)	)	
HGT	1-3	4-10	11-21	N 22-13	34-47	48+	PCT		1-3	4-10	11-21	NE 22-33	34-47	48+	
<1	•0	.0	•0	.0	.0	•0	•0		.0	.0	.0				PCT
1-2	.0	.0	•0	.0	.0	•0	•0		ŏ	1.7	.3	.0	•0	.0	.0
3-4	.0	.0	•0	-0	.0	.0	.0		ò				ö		2.1
5-6	.0	.0	•0	. 2	.0	.0	.0		.0	ŏ	1.4	:0	.0	:0	1.4
. 7	٠.	.0	•0	.0	.0	•0	• 0		.0	.0		.0		.0	
8-9	.0	.0	•0	• 0	.0	•0	.0		.0	. 0			ĕ	:0	•0
10-11	•0	.0	•0	.0	.0	•0	.0		.0	.0	.0		.0		.0
12	•0	.0	• 0	.0	.0	•0	.0		.0	.0	.0	.0	.0	.0	•0
13-16	•0	.0	•0	-0	.0	•0	.0		.0	.0		.ŏ	.0		.5
17-19	• 0	.0	•0	•0	.5	.0	.0		.0	.0	.0	.0	.0	.0	.0
20-22	• Ç	•0	•0	.0	.0	•0	•0		.0	.0		.0	.0		•0
23-25	•0	.0	•0	•0	•0	.0	.0		.0	.0	.0		.0		
26-32	•0	.0	•0	.0	.0	-0	•0		. 0	.0	.0		0		
33-40	.0	.0	•0	•0	.0	•0	.0		.0	ō	.č		.0	.0	.0
41-48	•0	.0	•0	. 5	.0	-0	• C		.0	.0			.0		.0
49-60	•0	.0	•0	.0	.0	•0	•0		.0	.0	.0		ŏ		.0
61-70	•0	.0	•0	•0	.0	•0	.0		.0	.0		.ŏ	.0		.0
71-06	.3	.0	•0	•0	•0	•0	•0		.0	.0	.0				
67+	•0	.0	•0	•0	• • •	•0	•0		.0	.0	.0				•0
TOT PCT	•0	•0	•0	•0	• • •	•0	•0		•0	1.7	1.7	.0	.0		3.4
нат	1~3	4-10		£	<b>.</b>							56			
			11-21	22-33	34-47	48+	PCT	:	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1 1-2	.0	1.4	0	•0	•0	•0	1.4		•0	1.4	.0	.0	•0	.0	1.4
3-4	.0	10.3	9.6	•0	•0	•0	19.9		.0	13.0	4.1	. o	.0	.0	17.1
5-6	:0	1.4	9.6	•0	.0	•0	14.4		•0	3.4	13.7	.0	.0	.0	17.1
77	٠٥	•:•	5.5	•0	•0	•0	6.8		•0	2.7	1.2	٠.٥	•0	.0	11.0
1-7	.0	.0	1.0	•0	.0	.0	1.0		•0	•0	. 3	.0	•0	.0	.3
10-11	ĕ	.0	•0 •0	•0	•0	• 0	• 0		.0	•0	.0	.0	•0	.0	.0
12	.č	.ŏ	•0	•0	••	• 0	•0		•0	.0	•0	.0	.0	.0	.0
:3-16	ŏ	.0	•0	.0	•0	.0	•0		•0	:0	• 0	•0	• 0	.0	.0
17-19		.0	•0	.0	•0	.0	•0		•0	•0	•0	.0	•0	.0	.0
20-22			.0		.0	:0	•0		•0	.0	•0	.0	•0	.0	•0
23-25	ŏ		. o		•0	.0	0.0		•0	• 0	•0	.0	•0	.0	.0
26-32	ò		•0	.0	•0				•0	•0	•0	.0	•0	٠.	.0
33-40	Ö	.ŏ	.0	.0	.0	•0	•0		•0	•0	•0	.0	•0	.0	٠.٥
41-48	ŏ		40		.0	•0	•0		•0	•0	• 0	.0	•0	.0	.0
49-60	Ö		٠ŏ	.0	.0	.0	•0		• •	•0	•0	•0	•0	.0	.0
61-70	.0		•0	.0	•0	.0	•0		•9	•0	•0	.0	•0	.0	.0
71-86	Ö		•0	.0	• • • •	.0			•0	•0	•0	.0	•0	.0	.0
87+	٥٠	.0	٠ŏ	.0	•0	.0	•0		•0	•0	•0	•0	•0	.0	•0
TOT PCT	.0	17.0	25.7	:0	.0	:0	43.5		•0	20.5	26.4	•0	•0	.0	46.9

PER 100:	(DVE	r-ALL)	1963-1	970					JULY				AREA			ST JAVA SEA
								TABLE	18 (CONT)	'				0	.25 112	. 45
				PC	T FREO OF	WIND	SPEED	(KTS)	AND DIREC	TIUN	VERSUS S	EA HEIG	HTS (FT)			
HGT	1-3	4-10	11-21	5 22-33	34-47	48+	PCT		1-3	4=10	11-21	\$W 22=35	34-47	48+	PCT	
<1	0	1.0	0.0	.0	.0		1.0					.0	.0		.3	
1-2	.0	2.4	1.0	.0	.0	.0	3.4		ő				.0	.0		
3-4	.0	•.0	.0	.0	ň		· c		ěŏ			.0	.0		.0	
5-6	.0	.6	0	.0	. 0	.0			ŏ			.0	•0	.0	.0	
7	.0	.0		.0	.0	.0	.0		ō			.0	•0	.0	.0	
8-9	.0	.ŏ	. 0	.0	ò	.0	.0		.0	. (		•0	•0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0		.0			.0	•0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0		•0	. (	••	•0	•0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0		.0			.0	•0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0		.0	• (		.0	•0	.0	•0	
20-22	.0	.0	•0	.0	.0	.0	.0		•0	• (		•0	•0	.0	•0	
23-25	.0	.0	.0	.0	•0	.0	.0		.0	•		.0	•0	.0	•0	
26-32	.0	.0	.0	.0	۰٥	.0	.0		•0	• 5		•0	•0	.0	.0	
33-40	٠,٥	.0	•0	.0	• 0	.0	.0		•ů	• (		•0	•0	.0	•0	
41-48	.0	٠.	•0	.0	•0	.0	•0		•0	• 9		•0	•0	.0	•0	
49-00	•0	۰.	•0	.0	٥٠	.0	•0		•0	•		•0	•0	.0	•0	
61-70	.c	.0	•0	.0	•0	•0	•0		•0	• 5		•0	•0	.0	•0	
71-86	٠.	.0	• 0	٠.	٠٥	•0	•0		.0	•		•0	•0	.0	•0	
87+	.0	.0	0	.0	.0	•0	.0		•0	اه.		••	•0	.0	.0	
TOT PCT	.0	3.4	1.0	.0	.0	•0	4.5		•0	•	• •0	•0	•0	.0	••	
				w								*₩				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-1	0 11-21	22-33	34-47	48+	PCT	PCT
<ī.	.0	.0	• 0	.0	.0	•0	.0		.0	•1	• •	.0	•0	.0	•0	
1-2	. 3	1.4	.0	.0	.0	.0	1.4		• 0	• 1		•0	•0	.0	.0	
3-4	.0	.0	• າ	.0	.0	.0	.0		• 0	•		.0	•0	٠.	.0	
5-6	•0	.0	•0	.0	.0	•0	•0		• 0	•		•0	•0	.0	•0	
7	.0	.0	•0	.0	.0	•0	.0		• ?	• 1		•0	•0	.0	•0	
8-9	٠,	.0	•0	.0	• 0	•0	•0		• 2	• !		•0	•0	.0	•0	
10-11	.0	.0	•0	.0	٠ć	•0	•0		•6	•		.0	•0	.0	•0	
12	• • •	٠,	•0	.0	•0	•0	•0		• 2			•0	•0	•0	•0	
13-16	•0	•0	•0	.0	•¢	•0	•0		• ດ			•0	•0	•0		
17-19	.0	.0	•0	.0	•0	•0	•0		.0			•0	•0	.0		
20 <b>-2</b> 2 23 <b>-25</b>	.0		•0	.0	•0	.0	•0		•0			.0	.0	.0		
26-32			.0	.0	.0	.0	.0		.0			.0	•0	.0		
33-40	.0	.0	•0	.0	.0	.0	•0					.0		.0		
41-48	.0	ة.	.,,	.0	.0	•0	.0			:		.0	•0	.0		
49-60		.0	.0	.0	.0	.0	.0			:		.0	.0			
61-70		:0	.0		•0	.0	•0		.0			.0	•0	.0		
71-86	.5	.0	•0	.0	.0	.0			ő	:			•0	.0		
27+	. 5	.0	.0		.5	.0	.0		.0	:		.0	•0	.0		
TOT PCT	.5	1.4	.0	.0		.0	1.4		.0			.0	.0	.0		100.0
	••	•••	••		••	- •				•	•••	,,		,-		

	#1%D	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
нст	0-3	4-10	11-21	22-33	34-47	48+	PCT	707 085
<1	.0	4.1	.0	.0	.0	.0	4.1	U-3
1-2	.0	28.6	15.1	.0	.0	.0	43.8	
3-4	.0	8.2	23.3		.0	.0	31.5	
5-6	.0	4.1	15.1		.0	.0	19.2	
7	.o	.0	1.4		.0	.0	1.4	
8-9	.0	. 0	.0			.0	0.0	
10-11	.ŏ	.0	.c			.0	ō	
12	.0	. 6	.0			.0	.0	
13-16					.0	.0	, ŏ	
17-19			.c		.0	.0	.ŏ	
20-22	.ŏ	.0	.č			.0	ŏ	
23-25		.0					ě	
26-32	:ŏ	.0						
33-40		.0				.ö		
41-48	:0	.0	.č			.,	ŏ	
						.0		
49-6C	.0	•0	٠,				.0	
01-70	.0	•0	.0				.0	
71-86	٠٥	.0	.0			.0	.0	
97+	.0	.0	.0	.0	.0	•0	.0	
TCT PCT	.0	45.2	54.8	.0	.0	.0	100.0	73

PERIO	): (DV	ER-ALL	1 195	7-197	0				TABLE	19												
					PERCENT	FRE	QUENCY DE	#A1	VE HEI	GHT	(FT	) VS 1	AVE	PERIOD	(SECON	05)						
###10D	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-	19 2	20 <b>-22</b>	23-2	5 26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	4.6	20.4	19.4	8.3	.9	1.9	•0	.0	.0		. 0	.0	•	0 .0	0.0	.0	.0	.0	.0	.0	60	3
6-7	• 0	. ,	11.1	11.1	4.6	.0	•0	.0	.0		.0	0	•	0.0	••	.0	.0	.0	.0	٠.	30	4
8-4	٥.		. 9	.0	1.9	.0	• 0	.0	.0	ı	۰.	:0	•	0 .0	0.0	.0	.0	.0	.0	۰.	4	5
10-11		.0	٠.	.0	.0	.0	.0	.0	.0		٠.	.0	•	0.0		.0	.0	۰,0	.0	.0	0	
: 4-13		.0	. 0	.0	.0	٠.٥	•0	.0	.0		٠0	.0	•	0.0	••	•0	.0	.0	.0	.0	0	
>13	.0	.0	.0	.0	.0	.0	•0	.0	.0		٠0	.0	•	0.0	••	.0	٠.	٠.	.0	.0	٥	
INDET	. 4	3.7	5.0	2.8	.0	.0	.0	.0	.0		.0	.0		0.0	۰. د	.0	.0	.0	.0	.0	14	3
TOTAL	6	28	40	24		2	٥	٥	٥		٥	0		0 (	•	0	0	0	0	0	108	3
PCT	5.6	25.9	37.0	22.2	7.4	1.9	•0	.0	.0	r	•0	.0	•	٥. ٥	• •	•0	.0	.0	.0	.0	100.0	

AUGUST

PERIOD: (PRIMARY) 1914-1972 (OVER-ALL) 1855-1972

TABLE 1

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9E

SOCENT FAC	DUENCY OF	LOIGHES	DCCURRENCE	 HING	MITTIRE	

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	RAIN	PR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HGUR	THOR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
N	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	11.8	•0	88.2
NE	.0	.0	٠.	.0	.0	.0	.0	.0	•0	.0	1.9	.0	9.6	.0	84.5
E	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	1.0	.0	3.9	•0	95.2
E S F	.0	.0	.0	.0	•0	.0	.0	.0	• 6	.0	.0	.0	2.6	•0	96.8
S	.0	2.5	.0	.0	•0	.0	.0	2.5	•0	.0	.0	.0	6.3	.0	91.3
Šw	.0	.0	.0	.0	•0	.0	.0	.0	•0	.0	.0	.0	4.9	•0	95.1
₩.		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0
NW	.0	.õ	.0	.0	.0	.ŏ	.c	.0	•0	.0	.0	.0	.0	.0	100.0
VAR		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	. 1	.0
CALM	.0	ō	.0	.0	•0	.0	.0	.0	.0	.0	•0	.0	•0	•0	100.0
TOT PCT TOT CBS:	.0 425	.2	.0	.0	•0	.0	.0	.2	,2	.0	.5	.0	4.0	•0	95.1

TAPLE 2

# PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

				RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN SHWR	DR7L	FRZG PCPN	SNOW	OTHER PRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTYG	FOG NO PCPN	FUG MD PCPN PAST HR	SMOKE	SPRAY RLWG DUST BLWG SNDY	NO 51G WEA
00603 06609 12615 18621	.0	.0	.0	.0	•0	.0	•0	.0 .0 1.6	1.0 .0 .0	.0	2.0 .0 .0	•0	2.0 9.4 3.5 2.4	.0	95.0 90.6 96.3 95.9
TOT PCT TOT DBS:	.2 433	.2	.0	.0	•0	•0	•0	.5	•2	.0	.5	•0	4.2	.0	94.7

TABLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			ED (KN: 22-33	48+	TOTAL DBS	PCT FREQ	MEAN SPD	00	03	06	НП <b>UR</b> 09	(GHT) 12	15	10	21
N NE E SE SE SH W NE VAR CALM TOT DES	.2 .3 .7 .5 1.0 .4 .3 .2 .0 1.3 72	4.3 21.2 22.5 2.9 2.2 .4	1.7 13.1 15.4 3.6 .e .1	.0 .5 .9 .3 .1 .0 .0	000000000000000000000000000000000000000	1413	1.2 6.3 35.5 39.6 11.9 3.3 .8 .3 .0 1.3	5.8 8.7 10.2 10.4 9.4 8.9 5.9 6.1	.0 1.7 20.2 49.6 22.3 5.2 1.0 .0	5.1 26.6 38.3 15.0 4.2 2.8 .9 .0 4.7 107	20.1 50.4 12.5 2.6 2.2 1.8	2.6 15.7 44.2 32.0 4.1 .3 .9 .0 172 100.0	31.0 6.1 1.2 .4 .0 .0 1.2 249	11.9 2.9 .2 .1 .0 .5 206	1.5 6.4 49.4 30.9 6.8 2.7 .0 .0 2.3 132	29.3 29.3 44.0 16.1 6.4 .2 .4

44	RI	3	۸

					•						
0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 03	MDUR 06 09	(GHT) 12 15	18 21
2.1 6.2 7.4 3.5 1.3 .5 .2 .0 1.3 330	4.0 26.6 28.7 7.6 1.6 .3 .1	2.5 3.4 .7 .2 .0	.0 .0 .1 .1 .0 .0	•••••••	1413	1.2 6.3 35.5 39.6 11.9 3.3 .8	5.8 8.7 10.2 10.4 9.4 8.9 5.9 6.1 .0	2.9 22.5 45.6 19.6 4.9 1.7 .3	1.7 10.0 37.0 39.3 7.4 1.2 1.4 .9	1.5 8.3 42.3 36.0 8.7 2.0 .3 .1	35.7 36.4 39.4 12.8 5.1 .1 .3 .0 1.6
e 3.4	07+2	7.1	• •	.0		100.0		100.0	10410	400.0	100.0
	2.1 6.2 7.4 3.5 1.3 .5 .2	0-6 7-16  .8 .4 2.1 4.0 6.2 26.6 7.6 28.7 3.5 7.6 1.3 1.6 .5 .3 .2 .1 .0 .0 1.3 330 978	0-6 7-16 17-27  2.1 4.0 .2 6.2 26.6 2.5 7.6 28.7 3.4 3.5 7.6 .7 1.3 1.6 .2 .5 .3 .0 .0 .0 .0 1.3 330 978 100	0-6 7-16 17-27 28-40  2.1 4.0 2 0 6.2 26.6 2.5 9 7.6 28.7 3.4 1 3.5 7.6 .7 1 1.3 1.6 .2 1 .5 .3 .0 0 .0 .0 .0 1.3 30 978 100 5	0-6 7-16 17-27 28-40 41+  .8 .4 .0 .0 .0 2.1 4.0 .2 .0 .0 6.2 26.6 2.5 e .0 7.6 28-7 3.4 i .0 3.5 7.6 .7 .1 .0 1.3 1.6 .2 .1 .0 .5 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 1.3 2 .1 .0 .0 .0 1.3 3 0 .0 .0 .0 1.3 3 0 .0 .0 .0 .0 1.3 3 0 .0 .0 .0 .0 1.3 3 0 .0 .0 .0 .0 1.3 3 0 .0 .0 .0 .0 1.3 3 0 .0 .0 .0 .0	0-6 7-16 17-27 28-40 41+ TOTAL OBS  -8 .4 .0 .0 .0 .0 2.1 4.0 .2 .0 .0 6.2 26.6 2.5 • .0 7.6 28.7 3.4 ii .0 3.5 7.6 .7 .1 .0 1.3 1.6 .2 .1 .0 .5 .3 .0 .0 .0 .0 .2 .1 .0 .0 .0 .0 .0 .0 .0 .1 .3 .0 .0 .0 .0 .2 .1 .0 .0 .0 .3 .0 .0 .0 .0 .3 .0 .0 .0 .0 .0 .3 .0 .0 .0 .0 .0 .4 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	0-6 7-16 17-27 28-40 414 TOTAL PCT GBS FREQ  .8 .4 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0-6 7-16 17-27 28-40 41+ TOTAL DBS FREQ SPD  .8 .4 .0 .0 .0 .0 .1 .2 5.8 2.1 4.0 .2 .0 .0 .0 .8.3 8.7 6.2 26.6 2.5 • .0 .35.5 10.2 7.6 28.7 3.4 .1 .0 .39.6 10.4 3.5 7.6 .7 .1 .0 .11.9 9.4 1.3 1.6 .2 .1 .0 .3.3 8.9 .5 .3 .0 .0 .0 .0 .0 .3 8.5 .5 .3 .0 .0 .0 .0 .0 .5 5.9 .2 .1 .0 .0 .0 .0 .0 .3 6.1 .0 .0 .0 .0 .0 .0 .3 6.1 .13 3 330 978 100 5 0 1413 9.8	0-6 7-16 17-27 28-40 41+ TOTAL PCT MEAN OD OBS FREQ SPD O3  -8 .4 .0 .0 .0 .0 .1.2 5.8 .8 2.1 4.0 .2 .0 .0 .0 .83 8.7 2.9 6.2 26.6 2.5 • .0 .35.3 10.2 22.5 7.4 28.7 3.4 .1 .0 .39.6 10.4 45.6 3.5 7.6 .7 .1 .0 .11.9 9.4 19.6 1.3 1.6 .2 .1 .0 .33.3 8.9 4.9 .5 .3 .0 .0 .0 .0 .3 5.9 1.7 .2 .1 .0 .0 .0 .0 .3 6.1 .3 .0 .0 .0 .0 .0 .0 .0 .3 6.1 .3 .0 .0 .0 .0 .0 .0 .0 .3 6.1 .3 1.3 330 978 100 5 0 1413 9.8 298	0-6 7-16 17-27 28-40 41+ TOTAL PCT HEAN 00 06 06 06 07 07 08 4.4 4.0 4.0 0.0 1.2 5.8 4.7 2.9 10.0 6.2 26.6 2.5 4.0 35.5 10.2 22.5 37.0 6.2 26.6 2.5 4.0 35.5 10.2 22.5 37.0 7.4 28.7 3.4 4. 0 39.6 10.4 45.6 39.3 3.5 7.6 4.7 4.1 0.0 11.9 9.4 19.6 7.4 1.3 1.6 2.2 11 0.0 11.9 9.4 19.6 7.4 1.3 1.6 2.1 1.0 3.3 8.9 4.9 1.2 2.5 3.3 0.0 0.0 0.0 3.3 8.9 4.9 1.2 1.2 1.1 0.0 0.0 0.0 3.3 8.9 4.9 1.2 1.3 1.3 0.0 1.7 1.4 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	0-6 7-16 17-27 28-40 41* TOTAL PCT MEAN 00 06 12  -8 .4 .0 .0 .0 1.2 5.8 .8 1.7 1.5  2.1 4.0 .2 .0 .0 8.3 8.7 2.9 10.0 8.3  6.2 26.6 2.5 * 0.0 35.5 10.2 22.5 37.0 42.3  7.6 28.7 3.4 .1 .0 39.6 10.4 45.6 39.3 36.0  3.5 7.6 28.7 3.4 .1 .0 11.9 9.4 19.6 7.4 8.7  1.3 1.6 .2 .1 .0 .1 .9 9.4 19.6 7.4 8.7  1.3 1.6 .2 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

AUGUST

PERIOD: (FRIMARY) 1914-1972 (OVER-ALL) 1855-1972

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的,我们是这个人,我们是这个人,我们是这个人,我们是这个人,我们是这个人,我们是这个人,我们是这个人,我们是这个人,我们是这个人,我们是这个人,我们是这个人,我们

TARLE 4

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9E

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PERCENTAGE	EBECHENCY	0.6	ufun	CREEN	иппе	
PERLENIAUE	PREGUENCY	ų,	MIMD	37550	אטטת	(GRT)

					SPEED (				PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	HEAN	FREQ	DBS
00603	1.7	5.7	51.0	39.9	1.7	.0	.0	9.9	100.0	298
90300	1.0	4.5	58.7	34.6	1.0	.0	٠.	9.6	100.0	286
12615	. 9	2.9	60.9	33.0	2.4	•0	.0	9.9	100.0	455
18521	1.6	2.9	61.0	32.6	1.9	.0	.0	9.7	100.0	374
TUT	18	54	825	490	26	0	0	9.8		1413
PCT	1.3	3.0	58.4	34.7	1.8	.0	.0		100.0	

TARLE 5

TABLE 6

	IAPEF 2												IBLE O					
1	PCT FRE			CLOUD A		(EIGHTHS) MEAN								S HETG				
WND DIR	0-2	3-4	5-7	a & casco	TCTA:		000 149	150 299	300 599	600 999	1000 1999	2000 <b>3</b> 499	3500 4999	5000 6499	6500 79 <b>9</b> 9	8000+	NH <5/8	
N	. 8	.6	•0	•0		1.3	•0	.0	.0	.0	.0	.0	.0	•0	.0	.0	1.4	
NE	.9	. 2	.2	•0		2.1	•0	.0	.0	•0	.0	.0	.0	•0	.0	.0	1.2	
E	14.2	11.7	7.6	1.1		2.9	•0	•0	.6	.0	.0	. 6	.0	•0	.0	.0	33.3	
SE	28.4	14.4	9.6	2.0		2.8	•0	• 2	.0	.6	.0	.6	.6	•0	•0	.0	52.5	
S	2.2	2.2	.6	1.2		3.9	•0	.0	.0	1.2	.0	.0	.0	•0	•0		4.9	
SH	.3	.6	.0	•0		2.3	•0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.9	
¥	.0	.0	.0	•0		•0	•0	•0	.0	.0	.0	.0	.0	•0	•0	.0	.0	
NW	. 2	.0	.0	•0		•0	•0	.0	.0	.0	.0	.0	.0	•0	•0	, ŏ	.2	
VAR	.0	.0	•0	•0		• 5	•0	.0	.0	.0	.0	.0	.0	•0	•0		•0	
CALM	1.2	.0	•0	•0		. 5	•0	.0	.0	.0	.0	.0	.0	•0	•0		1.2	
TOT DES	78	48	29	ž	162		ĭŏ	ñ	Ĭ	3	ŏ	ž	Ĭ		• 6	· ŏ	155	162
TOT PCT	48.1	29.6	17.9	4.3	100.0		•0		. 6	1.9		1.5		ň			95.7	100.0

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NM >4/8) AND VSBY (NM)

				VSBY (NE	1)			
CEILING	- OR	= DR	• OR	■ 17R	• DR	e DR	• DR	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50"0	>0
- DR >6500	.0	.0	.0	.0	.0	.0	.0	.0
■ DR >5000	.0	• 0	.0	.0	.0	.0	.0	.0
■ DR >3500	. 6	.6	.6	.6	-6	.6	.6	. 6
<ul> <li>OR &gt;2000</li> </ul>	1.8	1.8	1.8	1.8	1.0	1.8	1.4	1.0
= DR >1000	1.8	1.8	1.0	1.6	1.8	1.8	1.6	1.8
■ DR >600	2.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7
• DR >300	2.5	3.7	4.3	4.3	4.3	4.3	4.3	4.3
<ul> <li>OR &gt;150</li> </ul>	2.5	3.7	4.3	4.3	4.3	4.3	4.3	4.3
• DR > 0	2.5	3.7	4.3	4.3	4.3	4.3	4.3	4.3
TOTAL	•	6	7	7	7	7	7	7

TOTAL NUMBER OF DBS: 163

PCT FREQ NH 45/8: 95.7

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 9 6 7 8 DBSCD DBS 18,3 25,7 25,7 16,9 6.3 3.4 .0 .0 1.7 .0 17

PERIOD:	(PRIMARY)	1914-1972
	(DVER-ALL)	1855-1972

TOT DAS TOT PCT 1.0 6.1 36.4 40.8 9.4 4.8

	855-1972	_				- <b></b>		LF 8						6.25 112.9E	
		,	FRCENT	PREC	OF WIN	ION MI D DIKE	CTION V Th Vary	ING VA	LUES 1	E BR N DF VIS	IDN-DC(	URREYC	E OF		
VSBV (NM)		ĸ	NE	E	SE	5	Sw	w	NW	VAR	CALH	PCT	TOTAL		
	PCP	.0	.0	.0	.0	•0	•0	.0	•0	.0	•0	.0			
<1/2	NO PCP	.c	.6	.0	.0	•0	• 0	.0	.0	.0	•0	.0			
	TOT &	.c	.0	•0	•0	•0	•^	.0	•0	.0	•0	.0			
	PCP	.0	.0	.0	.0	•0	•0	.0	.0	.0	•0	.0			
1/2<1	NO PCP	.0	•0	.0	.0	•0	•0	.0	•0	.0	.0	.0			
	TOT \$	.c	•0	.0	•0	•0	•0	•0	•0	.0	•0	.0			
	PCP	.c	.0	.0	.0	•0	•0	.0	•0	.0	••	.0			
1<2	ND PCP	. 1	.4	.7	1.1	. 4	•0	٠,٥	•0	.0	• 0	2.6			
	TOT %	. 1	.4	.7	1.1	• 4	•0	•0	•0	•0	•0	2.6			
	PCP	.c	.0	.0	•0	•0	•0	.0	•0	.0	•0	.0			
2<5	NO PCP	.c	.0	.9	.0	• 0	• ?	.0	.0	.0	.0	1.2			
	TOT %	•c	.0	. 9	•0	•0	•7	•0	•0	•0	•0	1.2			
	PCP	.0	.0	.0	.0	•2	•0	.0	.0	.0	•0	,2			
5<10	NO PCP	• 5	2.6	9.1	8.1	3.5	2.8	.1	-1	.0	• 2	26.8			
	TOT %	• 5	2.6	9.1	8.1	3.8	2.8	.1	•1	.0	•2	2 '.1			
	PCP	.0	.0	.0	•0	•0	•0	.0	.0	.0	•0	.0			
10+	ND PCP	.6	3.2	25.6	31.6	5.3	1.5	.0	. 1	.0	. 9	69.2			
	TOT %	.6	3.7	25.6	31.6	5.3	1.8	.0	•1	.0	. 9	69.2			

TABLE 9

							IANLE	<b>y</b>					
				PERCE!			ND DIP				ED		
V58Y (NH)	SPD KTS	N	NE	Ε	SE	s	5 W		NH	VAR	CALM	PCT	TOTAL DBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.2	.5	.0	.0	.0	.0	.0	• -	. 7	
	11-21	.c	.0	.1	.2	.0	.0	.0	.0	.0		.2	
	22+	•0	.0	•0	•0	.0	.0	.0	.0	.0		ō	
	TOT %	.0	.0	.3	.7	•0	.0	•0	•0	.0	•0	1.0	
	0-3	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	•0	• 0	•0	.0	•0	.0	٠,	.0	.0		.0	
	11-21	•0	.0	•0	•0	•0	•0	•0	.0	.0		.0	
	22+	•0	•0	٠,	• 0	•0	.0	•0	.0	•0		.0	
	TOT \$	.0	.0	•0	•0	•0	.0	•0	•0	•0	.0	.0	
	0-3	-1	.1	•0	.0	.0	.0	.0	.0	.0	.0	.1	
1<2	4-10	.0	.1	.2	• 2	.2	.0	.0	.0	.0		.7	
	11-21	٠.	•0	.2	.4	•0	.0	.0	.0	.0			
	22+	.0	.0	•0	•0	•0	.0	.0	.0	.0		.0	
	TOT \$	.1	.2	.4	.7	•2	.0	•0	.0	.0	•0	1.4	
	0-3	.0	.0	•0	-0	•0	.0	.0	.0	.0	.0	.0	
2<5	4-10	.0	.0	•0	•0	•0	.1	.0	.0	.0		.1	
	11-21	.0	.0	.5	.0	•0	.0	.0	.0	.0		.5	
	22+	.0	•0	• 1	• 1	•0	.0	•0	.0	.0		.1	
	TOT \$	.0	.0	.5	•1	•0	•1	.0	.0	.0	•0	.7	
	0-3	-1	.1	.2	.2	.0	.0	-1	.1	.0	•2	, 8	
5<10	4-10	• 1	1.0	3.6	2.5	, 8	. 9	.0	.0	.0		1,9	
	11-21	.0	.3	2.1	2.5	1.1	.5	.0	.0	.0		6,5	
	22+	.0	.0	•1	-1	•1	.0	.0	.0	.0		Z	
	TOT \$	.1	1.4	5.9	5.3	2.0	1.4	• 1	.1	.0	.2	16,5	
	0-3	.2	.2	.5	.4		.4	.1	.1	.0		3,6	
10+	4-10	.2	2.7	18.5	19.2	5.7	1.3	• 2	٠.0	.0		47.7	
	11-21	.0	1.4	11.4	13.2	2.2	. 2	۰٥	.0	.0		28.4	
	22+	•0	.0	.1	.5	•0	.0	.0	•0	.0			
	TOT #	.5	4.3	30.4	33.3	9.0	1.9	.3	•1	•0	. 8	80,4	
	DT DAS DT PCT	.6	5,9	37.5	39.9	11.0	3.4	.4	.2	.0	1.1	100,0	<b>83</b> 0

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PERIOD: (PRIMARY) 1914-1972 (UVER-ALL) 1855-1972

TABLE 10

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9E

# PERCENT FREQUENCY OF CFICING HEIGHTS (FEET/NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GHT)	0(-0 149	190 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	6000+	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00603	.0	.0	•0	4.3	.0	•0	.0	•0	.0	•0	4.3	95.7	47
90360	.0	.0	2.4	•0	.0	2.4	.0	٠.	.0	•0	4.9	95.1	41
12615	.0	ō.	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	37
18621	.0	.0	.0	2.1	•0	2.1	2.1	•0	.0	•0	6.3	93.8	46
TOT PCT	.0	.0	. 1	3 1.7	.0	1.2	.6	.0	.0	.0	7	166 96.0	173

v				TABLE 1	1						TABLE	12		
		PERCENT	FREOLE	CY VSBY	(NH)	BY HOUR		CUMULAT					VSBY (NH)	
HDUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HOUR (GHT)	<150 <50YD	<600 <b>&lt;</b> 1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TUTAL UBS
00003	.0	٠,	•0	.6	16.9	80.5	164	00603	.0	.0	6.8	•0	93.2	44
90360	1.0	.0	4.1	.6	12.9	80.6	170	90360	•0	2.4	2.4	2.4	95.1	41
12615	1.4	.0	1.0	.7	16.7	80.8	286	12615	•0	.0	.0	.0	100.0	34
18621	.5	.0	1.4	.9	19.7	77.5	218	18621	•0	•0	6.8	4.5	#8.6	44
TOT PCT	1.0		13 1.6	.7	142	669 79.8	#38 100.0	TOT PCT	.0	.0	4,3	1.8	153 93.9	163 100.0

				T.	ARLE 13	•									TABL	E 14				
	PERC	ENT FR	EOUENC	Y JF R	ELATIV	-	DITY 8	Y TEMP	<b>TOT</b> 4.	•••		PERC	ENT FR	EQUENC	Y 0F W	IND DIF	RECTION	. BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	50-69	70-79	80-89	90-100	DBS	FREQ	N	NE	£	SE	S	SW	W	NW	VAR	CALM
90/94	.0	.0	.0	.0	. 3	.0	.0	.0	1	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
85/89	.0		.0	.0	2.4	.7	.0	.0	9	3.1	.0	.5	. 9	1.1	.0	.0	:8	.ö	.0	.0
80/84	٠.	.0	.0	1.0	7.5	35.2	20.5	6.8	208	71.0	1.3	5.3	28.2	31.7	2.6	1.2	.0	.1	•0	.7
75/79	.0	. 0	0	• 0	1.4	11.3	11.6	1.0	74	25.3	.0	.0	5.5	9.2	7.0	3.2	.0	.0	.0	. 3
70/74	.0	.0	0	•0	.0	•0	.3	.0	1	.3	.0	.0	.0		.0	.3	.0	.0	.0	
TOTAL	á	Ó			34		95	23	293	100.0		• • •	••	•••	•••	•••	••	•••	••	
PCT	.0	.0	•0	1.0	11.6		32.4	7.8	•		1.3	5.8	34.5	42.3	9.9	5.1	•0	.1	•0	1.0

				TAP	LE 15									TABLE	16			
	MEANS,	EXTREM	FS AND	PERCE	TILES	OF TE	4 <b>P</b> (DE	G F) 8	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTIGIFY	BY HOUR	t .
4758 (G#T)	MAX	998	95%	50%	5%	1%	MIN	MEAN	TOTAL DBS	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL DES
€0300 €0360	87 93	95 90	84	81 82	78 79	76 77	75 75	80.8	292 281	00803 00809	.0	3.0	9.6 31.6	46.6	34.2	9.6	79 73	73 66
12215	84 85	83 83	82 82	80	78 77	76 74	73 72	80.3 79.6	452 373	12615	•0	1.3	4.7 2.3	57.3 39.1	26.7 48.3	10.3	79 81	75 87
107	93	•6	84	81	77	75	72	80.6	1398	TOT	0	3	35	141	98	24	78	301

AUGUST

PERIOD: (PRIMARY) 1914-1972 (OVER-ALL) 1855-1972

TABLE 17

AREA 0013 SOUTHEAST JAVA SEA 0.25 112.9E

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	69 72	73 76	77 80	81 84	85 88	89 92	TOT	W FOG	WD PDG
7/8	.0	•0	.0	.6	.0	.3	3	.0	. 9
6	.0	•0	.0	. 3	.0	.0	1	•0	. 3
5	.0	• 0	.0	.3	.6	.0	3	•0	. •
Ĭ.	.0	• 0	.0	. 6	1.2	.0	6	.0	1.8
3	·ŏ	.0	. 6	. 6		.0	7		2.1
5	.0	•0	1.0	9,6	.0	.0	19	.0	5.6
ī		.0	4.1	10.6	.0	.0	50	.0	14.7
1	.ŏ		10.0	21.5	.0	ě	107	.3	31.2
Ÿ				21.7					
-1	.0	•0	8.5	5,6	.0	.0	48	.0	14.1
-2	.0	.3	11.0	7.1	.0	.0	65	.3	18.0
-3	.0	.0	2.4	. 9	.0	.0	11	.0	3.2
-4	.0	.0	1.5	. 6	.0	.0	7	• 0	2.1
-5	.0	.6	9	.0	.0	.0	5	.0	1.5
-6	.0	.0	. 6	. 0	.0	.0	5 2 5	•0	.6
-7/-8	.ŏ		. 9	.0	.0	ŏ	•		1.5
-//-0							?	.0	
-9/-10	.3	•0	.0	•0	•0	•0	1	•0	. 3
TOTAL	1		146		9			2	338
		5		174		1	340		
PCT	.3	1.5	42.9	52.4	2.6	, š	100.0	.6	99.4

PERIUD: (DVER-ALL) 1963-1972

				PC	T FREQ	OF WIND	SPEED	(KTS) AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT	1	
				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PÇT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	•0	.0	•0	•0	•0	•0	.0	.0	•0	.0	.0
1-2	٠.	.0	•0	•0	.0	•0	.0	.0	,3	.0	.0	•0	•0	•3
3-4	.0	.0	•0	•0	.0	-0	•0	•0	•0	.0	.0	•0	.0	•0
5-6	.0	.0	•0	•0	.0	•0	•0	•0	•0	.0	.0	•0	.0	•0
7	.0	.0	•0	•0	.0	•0	•0	•0	•0	•0	.0	40	•0	•0
8-9	.0	.0	• 0	•0	.0	•0	•0	•0	•0	.0	•0	•0	.0	•0
10-11	.0	.0	•0	•0	.0	•0	•0	•0	•0	.0	•0	•0	•0	•0
12	.0	.0	•0	•0	.0	•0	• C	•0	•0	•0	.0	•0	٠.	•0
13-16	.0	.0	•0	.0	.0	•0	•0	•0	.0	•0	•0	•0	.0	•9
17-19	.0	.0	•0	•0	•0	•0	•0	•6	•0	.0	•0	•0	•0	•0
20-22	.0	.0	•0	•0	•0	•0	•0	•0	.0	•0	.0	•0	•0	•0
23-25	.0	.0	•6	•0	.0	•0	•0	•0	.0	٠.	.0	•0	.0	•0
26-32	•0	.0	•0	.0	.0	•0	.0	•0		•0	.0	•0	.0	•0
33-40 41-48	٠.٥	.0	•0	•0	.0	•0	.0	.0	.0	.0	•0	•0	٠,٥	•0
49-60	•0	.0	•0	•0	•0	.0	•0		.0				•0	•0
61-70	.0	.0	•0	•0	.0	.0	.0	.0	ŏ	.0	•0	•0	.0	•0
71-86	•0	.0	•0	.0	.0	•0	.0	•0	.0		•0	•0		.0
87+	.0	.0			.0	•0	.0	.0	.0	.0	.0	•0	.0	•0
TOT PCT	.0	.0	•0	•0	.0	.0	.0	.0	.3	.0	.0	•0	.0	.3
101 -61		••	•0	•0	•••	••	••	••		••	••	••	••	•••
				E	_	_					SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	•0	.0	-0	•0	.0	•0	0	•0	.0	.0	•0	•0	•0	•0
1-2	.0	15.1	5.0	.0	.0	.0	17.0	.3	14.2	3.7	.0	•0	.0	18.2
3-4	•0	.0	8.5	•0	• 0	.0	8.5	•0	2.3	17.6	1.1	•0	.0	21.0
5-6	•0	.,	6.5	•0	.5	•0	7.4	•0	.6	12.8	2.3	•0	.0	15.6
.7_	.0	.0	•0	.0	.0	•0	•0	•0	•0	1.1	1.1	•0	•0	2.3
1-9	.0	.0	•0	.0	•0	•0	•0	•0		.0	•0	•0	•0	•0
10-11	•0	.0	•0	•0	•0	•0	.0	.0	.0	•0	••	•0	•0	•0
12	.0	.0	•0	•0	.0	.0	.0	.0	.0	•0	•0	•0	.0	.0
13-16 17-19	•0	.0	.0	•0		•0	.0	ő	.0	.0	•0	•0	.0	.0
20-22	.0	.0	•0	•0	•0	.0	.0	.0		.0		•0	.0	•0
23-25		.0	•0	•0	.0	:0	:0	ñ	ŏ	.0	•0	.0	:0	.0
26-32	•0		•0		.0	:0	.0	Ö	.0	.0		.0	:0	.0
33-40	.0	.0	•0	•0	.0	:0	.0	ö	.0	.0	:0	•0	.ö	•0
41-48		:0	.0	.0	.0	:0	.0	ŏ	.0	.0	.0	•0	:0	.0
44-90	.0	:0	•0	.0	.0	:0	.0	.0	ĕ	.0	•0	•0	.0	•0
61-70	.0	.0	•0	.0	.0	:0		ŏ	ŏ	٠٥	.0	.0	:0	.0
71-84	.0	.0	•0	.0	.0	.ŏ	.0	.0	ő		.0			.0
87+	.0	.0	•0	.0	.,	:0	.0	.0	.0	:0			.0	.0
TOT PCT	.0	15.9	17.0	.0	.0		33.0	.3	17.0	35.2	4.5	•0	:0	57.1
		43.7	.,.0	• • •	• •	••	2340	• •		-216	717	••	••	

PERIODI	COVE	R-ALL)	1963-1	972				TABLE	AUGUST	T)			AREA		SOUTHEA 25 112	ST JAVA SEA
				PC	T FREG C	F WIND	SPEED	(KTS)	AND DIR	ECTION	VERSUS S	EA HEIG	HTS (FT)		•••	• • •
				5								SW				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3			22-33	34-47	48+	PCT	
<1 -	.0	.0	•0	•0	•0	.0	•0		•0			.0	•0	.0	•0	
1-5	. 9	3.4	1.1	.0	.0	.0	5.4		.0			.0	•0	.0	•0	
3-4	٠,	.0	2.5	•0	•0	.0	2.3		.0			•0	•0	.0	.0	
> <b>-6</b> 7	:0	.0	1.1	•0	.0	٥٠	0		.0			.0	•0	.0	•0	
8-9	.0	:0		.0	.0	.0			.0			:0	•0	:0	.0	
10-11	ď	:0	•0	.0	.0	.0	ö		ò			:0	.0	.0	.0	
12	.0	.ö	.0	.0	.0	. 5	iŏ		.0				•0	.ŏ	.0	
13-16	ŏ	.ŏ	.0	•0	• •	ě			ŏ			.0	•0		.0	
17-19	ŏ		.0		.0	.0	.0		.0			.ŏ	.5			
20-22			.0	.0	ő		.0		.0				.0	.0	iŏ	
23-25	.0			.0	.0		.0		.0			.ŏ	.0	.0	ě	
20-32	ō	.0	.0	.0	.0	.0	.0		.0			.0		.0	•0	
33-40	.0	.0	.0	•0	.0	.0	.0		.0			.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	ı	.0			.0	.0	.0	•0	
49-60	.0	.c	.0	.0	.0	.0	.0	ļ.	•0	• • •	• • •	.0	•0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	1	.0	• (	• •	.0	•0	.0	υ.	
71-86	.0	٠.	.0	.0	.0	•0	.0		•0			.0	•0	.0	•0	
87+	.0	.0	•0	•0	.0	.0	.0		•0			.0	•0	.0	.0	
TOT PCT	.9	4.3	4.5	•0	•0	•0	9,7	'	•0	• •0	••	.0	•0	٠.	•0	
				w								NW				TOTAL
HGT	1-3	4-10	11-21	<b>"22-33</b>	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	•.0		•0	.0	.0	• 0						.0	.0			
1-2	.0	.0	.0	.0	.0	.0	.0					.0	.0	.0	.0	
3-4	.0	ě.	.0	.0	. 6	•0	.0					.0	.0	.0	.0	
5-6	.0	.0	.0	.0	.0	• 0	.0	1				.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	•0	.0	+	.0			•0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	•0	•0	1	• (			.0	•0	.0	•0	
10-11	•0	.0	•0	.0	.0	•0	•0		•			.0	•0	.0	•0	
12	.0	.0	.0	.0	.0	•0	.0		• 0			•0	•0	.0	•0	
13-14	.0	.0	•0	•0	.0	•0	•0		• 9			•0	•0	.0	•0	
17-10	•0	.0	•0	.0	.0	•0	•0		•			•0	•0	.0		
20-22	•0	•0	.0	.0	•0	.0	• 0		•9			.0	•0	.0		
23-25	.0	.0	•0	•0	•0	•0	•0		•9			•0	•0	•0		
26-32	٠,٥	.0	•0	.0	.0	•0	•0		•9			.0	•0	.0		
33-40	.0	.0	•0	•0	.0	•0	• 6		.0			•0	•0	•0		
41-48 49-60	.0	.0	•0	.0	•0	.0	•0					•0	.0	.0		
61-70	.0	.0	.0		.0	.0			:			.0	.0	:0		
71-86	.0	.0	.0	ŏ	.0	.ŏ	:		:				٠٥	.ö		
87+	.0	.ŏ	.0	.0	.0	.0				, i			.0	.0		
TOT PCT	.0	.0	.0	.ŏ	.0	.0				5		.0		Ĭ		100.0

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	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	.0	.0	.0	.0	.0	.0	.0	003
1-2	1.1	33.0	6.4	. 0	.0	.0	40.9	
3-4		2.3	28.4	1.1	.0	.0	31.8	
5-6	.0	2.3	20.5	2.3	.0	.0	25.0	
7,	ŏ	.0	1.1	1.1	.0		2.3	
8-9	·ŏ	ĕ			.0	.0		
10-11		٠.:		.0				
12	ö	10		.0		.ŏ	ŏ	
13-16		.0	.0	.0	ŏ	.0	:0	
	٠0							
17-19	•0	•0	.0	•0	.0		•0	
20-22	•0	.0	.0	.0	.0		.0	
23-25	•0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	•0	.0	.0	.0	
33-40	••	.0	.0	,0	.0	.0	.0	
41-48	.0	.0	.0	•0	.0	•0	.0	
.9~60	•0	.0	.0	.0	.0	.0	.0	
61-70	•0	٠.	.0	.0	.0	.0	.0	
71-86	.0	.0	. o		.0		, ō	
87+	.0	.0	.0	.0	.0	.0	.ŏ	
	•••	• • •	•••	•	• •	• • •	•••	
TOT PCT	1.1	37.5	36.8	4,5	.0	.0	100.0	•••

PERIUD: (0"ZR-ALL) 1949-1972 PERCENT PREGUENCY OF MAVE MEIGHT (PT) VS WAVE PERLOD (5=GUNDS) PERIUD (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT MEAN HGT 3 4 5 3 1.5 .0 .0 .0 .0 .0 .0 2.3 5 3-4 31.6 7.5 1.5 .0 1.5 .0 .8 57 42.9 12 13-16 17-19 20-71 23-25 26-37 33-40 41-48 49-60 1-2 19.5 2.3 .0 .0 .0 .0 .0 29 21.6 5-6 12.8 6.0 2.3 .0 .0 .0 .0 .0 .0 96 .0 29 .0 5 .0 2 .0 2 .0 0 .0 173 .0 100.0 0000000000 000000000 ........ 000000000 ......... 00000000 ...... 0000000000 0000000000 6.8 .0 .0 .0 .0 .0 .8 .11 0000000000 ....... 0000000000

									SFPT	EMBER								
PERIODI	(PRIMARY)													AREA 001				SEA
	(OVER-ALL	) 1857	-1971		D:	FRCFNT	ERFOI	ENCV O		LE 1 FR DCC	URRENCE	ev mi	NO OIR	ECTION	0.23	112.	, ye	
				٥	RECIPI	-				•••		J		WEATHER	PHEND	MENA		
	WND DIR	RAIN	RAIN SHUR	OR7L	PRLG PCPII	SNOW	OTHER FRZN PCPN	HAIL	PLPN A		N PAST	THDR LTNG	FOG WO PCPN	FOG WO PCPN PAST HR	SMOKE	BLWG		NO SIG WEA
	N F E S B S B W B B VAR CAL	0.0000000000000000000000000000000000000		.0	.00000000000000000000000000000000000000	.00000000000000000000000000000000000000	.00.00	000000000000000000000000000000000000000	.00 1.00 .00 .00		.0 .0 1.3 .0 .0 .0 .0	.0 .0 1.5 4.1 .0	2.5 2.3 4.1 .0 28.6 16.7	000000000000000000000000000000000000000	22.2 2.5 4.4 3.3 3.1 .0 .0		.0	77.8 97.5 90.8 92.7 88.8 100.0 71.4 83.3
	TOT PCT TOT CBS:	271	.0	.4	.0	.0	.0	.0	.4	•	.4	1.1	2.6	•0	3.7		•0	91.9
									TA	IRZE 2								
						PI	ERCENT	FREQUE	ENCY OF	WEATH	ER DCCUA	RENCE	ву наи	R				
					RECIP!		_						-	WEATHER				
	HOUR (SMT)	RAIN	SHUR	DRZL	FRZG PCPN	SNOW	OTHER FRIN PCPN	HAIL	08 714	ie i	PN PAST Hour	THDR LTNG	FOG WO PCPN	FOG WO PCPN Past HR		BLWG	Z.10A	MEV
	00603 06609 12615 18621	 	.0	.0 1.7 .0	.0	.0 .0 .0	.0	•0	.0 1.7 .0	, ,	.0 1.7 .0	.0 1.3 2.0	1.4 1.7 5.2 1.4	.0 .0 .0	6.8 3.4 3.9	,	•0	91.8 91.4 89.6 95.8
	TOT PCT TOT CBS:	279	.0	.4	•0	.0	•0	•0	.4	•	.4	1.1	2.5	•0	3.6	,	•0	92.1
									7/	IBLE 3								
					PERCEN	TAGE !	FREQUE	CY OF	WIND D	RECTI	ON 84 SI	EED A	10 BY F					
	WND DIR	0-3	4-10	D SPEEC 11-21 2			48+	TOTAL DBS	PCT FREQ	MEAN SPD	00	03	06	HEUR (	12	15	18	21
	N NE E SE S NH NH VAR CALM TOT CBS	1.18 .7 .53 .10 1.11 72 6.2	4.9 19.1 27.0 8.1 2.2 .5 .0 734 63.1	2.3 10.3 13.9 3.4 .5 .0 .0	.0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	1164	1.1 7.6 30.6 42.8 12.3 3.1 .6 .0 1.1	9.27 9.75 9.06 9.00 7.50 9.00 9.00 9.00 9.00 9.00 9.00	1. 17. 54. 19. 4.	5.5 3 18.6 9 45.5 17.6 9 3.5 4 2.5 3 3.6	3 4.5 3 23.6 9 58.6 7.4 2 1.6 3 .6 9 .6	20.1 37.6 31.2 7.3 1 1.6 0 .0	1.5 14.2 42.6 29.8 7.6 2.6 4 .2 .0 .9 227 100.0	33.7 45.1 11.7 2.1 1.8 .0 1.2 103	.0 6.6 36.0 40.1 11.5 2.2 1.4 .0 .0 2.2 91	1.1 25.0 49.2 16.8 5.5
						w t N	D SPEE	n (KNf.		ARLE 3	A				ноиз	(GNT)		
			*	ND DIR			17-2			• TD1	AL P S FR	EQ S	AN PD	00	06	12	16 21	
			•	NE SE SW WAR VALM CAL DRS OT PCT	1.7 5.4 10.5 4.1 1.2 .4 .5 .0 1310 26.5	792	1. 2.	2 8 5 6 0 0 0	1	00000000	7 30 42 12 3	.6 9 9 9 .8 9 .1 5 .6 .0	.4 .2 .7 .5 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	17.9	1.7 2.2 1.0 .0	9 3 1.4 1.0 3 .0	28.6 46.3 15.1 4.4 .6 .0 .0 1.8 281	

SEPTEMBER

						•	EPTET	PER				
PERIOD: (PRIMARY) 1 (OVER-ALL)	1914-1 <i>3</i> 7 1857-197						TAPLE	4			AREA 001	3 SOUTHEAST JAVA SEA 6.25 112.9E
			PERC	ENTAGE	FREJU	ENCY OF	HIND :	SPEED BY	HOUR	(GPT)		
	ндик	CALM	1-3	4~10		SPEED (			MEAN	PCT FREQ	TOTAL DBS	
	00603 06609 12615 18621 TOT PCT	1.2 .4 1.0 1.8 13	8.4 4.5 4.1 3.9 59 5.1	59.4 63.6 63.6 65.1 734 63.1	31.1 30.6 30.8 28.8 353 30.3	.0	- ( - ( - (	0 .0	9.6	100.0 100.0 100.0 100.0	251 242 390 281 1164	

TARLE 5

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TABLE 6

			•	Mark 2								1.4	IBLE O					
	PCT FRE			CLUUD A		(EIGHTHS)		;					CEILIN					
MND DIS	2-0	3-4	5-7	8 & 085CD	TCTAL CBS		000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH <5/8 ANY 4GT	
N	.0	.0	.0	.0		.0	•0	•0	.0	•0	.0	•0	.0	•0	•0	.0	•0	
NE	1.5	. 3	1.3	.0		3.7	•0	•0	.0	.0	.0	•0	.0	.0	.0	.0	3.6	
E	14.5	5.5	7.8	1.0		2.9	•0	.0	.0	.0	1.6	•0	.0	.0	.0	1.0	26.8	
ŠĒ	28.3	16.5	8.5	2.3		2,6	.0	• 0	.0	.0	.3	•0	.0	Ó	. 0	.3	55.0	
Š	2.5	. 8	3.5	. 8		4.2	•0	.0	. 0	.0	2.6	• 0	.0	Ċ	•0	. 6	4.0	
Sw	1.5	.0	.0	.0		1.6	•0	.0	.0	.0	•0	. 0	.0	.0	.0	.0	1.5	
ž.	. 8	.0	.0	.0		2.0	•0	•0	.0	•0	.0	- 3	.0		•0	.0	. 8	
NW	.0	.0	.0	.0		•0	•0	.0	.0	• 0	• 0	•0	.0		•0	.0	.0	
VAH	.0	.0	.0	ò		ň	•0	.0	.õ	. 0	.0	•0	Ö	•0		.0	,0	
CALM	2.0	1.0	.0	.0		1.3	.0	•0	.0	.0	.0	•0	.0	•0	.0	ò	2.0	
TOT US		24	21		100		ő		Ö	ő	.,	- 6	• 0		• • •	•;	94	100
TOT PC		24.0	21.0	4.0	100.0		•ŏ	•6	,ŏ	۰٥	4.0	•0	.ŏ	•ŏ	•0	2.0	94.0	100.0

TARLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBV (NH)

				VSBY (NH	1)			
011 J 1 3 2	• OR	= DR	► DR	- 08	● DR	= DR	■ 78	• DR
(FEFT)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
- DR >6500	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
► OR >5000	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
= DR >3500	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
■ DR >2000	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0
■ DR >1000	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
■ TR >600	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
■ NR >300	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
• DR >150	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
= PR > 0	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
TOTAL	6	6		6	6	6	6	6

TOTAL NUMBER OF OSS: 101

PCT FREQ NH <5/8: 94.1

TABLE 7A

PERCENTAGE FREE OF LOW CLOUDS (EIGHTHS)

	o	1	,	3	4	5	6	7	9	OBSCO	DBS
2	1.0	27.4	35.5	10.5		. 8	2.4	.8	.8	•0	124

- 8 7	EMS	23

							SFPT	EMBER						
(PRIMARY) 1 (DVER-ALL) 1							TAB	LE B				ARE	A 0013	SUUTHEAST JAVA SEA 6.25 112.9E
		PI	FACENT				TION V TH VARY						E OF	
438Y (11H)		٨	NE	ε	S€	S	Sw	W	NW	VAR	CALM	PCT	TOTAL	
	PCP	**	.0	•0	•0	• 0	*0	.0	•0	•0	•0	.0		
<1/2	NO PCP	.0	.0	•0	٠,	•0	•0	.0	.0	.0	• 0	.0		
	TOT %	.0	.0	•0	•0	•0	•0	.0	•0	•0	•0	•0		
	PCP	.0	.0	.0	.0	•0	•0	.0	.0	.0	• 0	.0		
1/261	NO PCP	ŏ	.0	.7	1.1	•0	• 2	.0	.0	.0	.0	1.8		
.,	TOT %	·ò	.0	.7	1.1	•0	• 0	.0	•0	•0	• 2	1.6		
	PCP	.0	٠,0	.0	•0	•0	• 0	.0	.0	.0	.0	.0		
1<2	NO PCP	.4	. 2	.6	1.1	•0	•0	٠,	•0	•0	• ?	2.2		
	107 \$	.4	. 2	•6	1.1	•0	•0	.0	•0	•0	• 0	2.2		
	PCP	.0	.0	.0	•0	•0	•0	. 3	•0	.0	•0	.0		
2<5	HD PCP	•0	.0	. 3	• 1	• 0	• 0	.0	.0	.0	• 5	• •		
	TOT \$		•0	.3	• 1	•0	•0	•0	•0	•0	•0	. 4		
	PCP	.0	.0	•0	.0	•0	•0	.0	.0	.0	• C	.0		
5<10	NO PCP	.4	4.6	4.2	9.5	3.3	.6	. 4	. 44	.0	.4	27.7		
	TOT &	.4	4.6	8.2	9.5	3.3	• 6	.4	• 4	•0	• 4	27.7		
	PCP	.0	.0	.3	-1	•0	•0	.0	•0	.0	• 1	.4		
10+	NO PCF	.9	2.7	19.0	36.3	5.7	• 7	.3	:7	•0	1.1	67.5		
	TOT %	.9	2.7	19.3	36.4	5.7	•7	.3	.7	•0	1.1	67.9		
	TOT 085		_										271	
	TOT PCT	1.7	7.5	29.1	48.2	9.0	1.3	.6	1.1	•0	1.5	100.0		

TABLE 9

						MAPL	•					
		1								€n		
SPD KTS	N	NE	E	SE	s	SW	w	NW	VAR	CALM	PCT	TOTAL OBS
0-3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	. 1	
4-10	.0	. 1	. 2	.0	.0	.0	.0	.0	.0	_	.3	
11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
52+	.0	.0	.0	.0	. ა	.0	.0	.0	.0		.0	
TOT %	•0	•1	• 2	.1	•0	.0	.0	•0	.0	•0	.4	
S-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
											•0	
101 %	•0	•0	.3	.4	•0	.0	.0	.0	.0	•0	•7	
0-3	-1	.0	.0	.0	.0	.0	.0	.0	.0	•0	.1	
				.3							- • •	
										_		
TCT %	-1	•1	• 2	• •	•0	•0	.0	•0	.0	•0	٠,	
0-3	•0	.0	•0	.0	.0	.0	.0	.0	.0	-0	•0	
										_	•0	
TOT %	.0	•2	• 2	•1	••	.0	.0	.0	•0	.0	. 4	
0-3	•0	. •	.3	.2	.0	٠.	•0	.0	.0	.3	. 9	
			2.5			• 2					3.7	
											13.6	
101 #	• 1	2.0	4.0	4.0	1.9		• •	• 1	.0		13.4	
0-3	•2	4	3	1.7	. • •	2	.0	.0	.0	.9	4.1	
			10.3		2.0	1.4						
	0				9.4	3.0	• 2			_		
:0: *	1.0	9.0	40. <b>T</b>	30.2	7.7	2.1	• •	••	.0	.,	0,10	
INT DBS	1.3	8.4	31.9	41.9	12.1	2.3		.2	.0	1.2	100.9	677
	KTS 0-3 4-10 11-21 22+ 107 % G-3 4-10 11-21 22+ T07 % 0-3 4-10 11-21 22+ T07 % 0-3 4-10 11-21 22+ T07 %	KTS 0-3 .0 4-10 .0 11-21 .0 22+ .0 TOT % .0  C-3 .0 4-10 .0 11-21 .0 22+ .0 TOT % .0  0-3 .1 4-10 .0 11-21 .0 22+ .0 TOT % .1 0-3 .0 4-10 .0 11-21 .0 22+ .0 TOT % .1 0-3 .0 4-10 .0 11-21 .0 22+ .0 TOT % .1 0-3 .0 4-10 .1 11-21 .0 22+ .0 TOT % .1 0-3 .0 4-10 .1 11-21 .0 22+ .0 TOT % .1 0-3 .0 4-10 .1 11-21 .0 22+ .0 TOT % .1 0-3 .0 4-10 .1 11-21 .0 22+ .0 TOT % .1 0-3 .0 4-10 .1 11-21 .0 22+ .0 TOT % .1	SPD N NE KTS 0-3 .0 .0 4-10 .0 .1 11-21 .0 .0 .0 11-21 .0 .0	SPD N NE E  KTS 0-3 .0 .0 .0 .0 4-10 .0 .1 .2 11-21 .0 .0 .0 22+ .0 .0 .0 10T x .0 .1 .2  G-3 .0 .0 .0 .0 11-21 .0 .0 .3  C2+ .0 .0 .0 .0  TOT x .0 .1 .2  C-3 .0 .0 .0 .0  TOT x .0 .1 .2  C-3 .0 .0 .0 .0  TOT x .0 .0 .0  TOT x .0 .0 .0  TOT x .0 .0 .0  C-10 .0 .0 .0  C-10 .0 .0 .1 .1  C-2 .0 .0 .0  TOT x .1 .1 .2  C-3 .0 .0 .0 .0  C-3 .1 .0 .0 .0  C-3 .0 .0 .0 .0  TOT x .1 .1 .5  C-3 .0 .0 .0 .0  TOT x .1 .2 .0 4.0  C-3 .2 .4 .3  C-3 .1 .0 .6 .0 .26.9	SPD N NE E SE  KTS 0-3 .0 .0 .0 .0 .1 4-10 .0 .1 .2 .0 11-21 .0 .0 .0 .0 22+ .0 .0 .0 .0 .0 70T x .0 .1 .2 .1  5-3 .0 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 .0 .0 11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	SPD N NE E SE S KTS 0-3 .0 .0 .0 .0 .1 .0 4-10 .0 .1 .2 .0 .0 11-21 .0 .0 .0 .0 .0 .0 22+ .0 .0 .0 .0 .0 .0 70T x .0 .1 .2 .1 .0	PERCENT FREG DF WIND DIRE WITH VARYING VALUES  SPO N NE E SE S SW  CTS 0-3 .0 .0 .0 .1 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	PERCENT FREG DF WIND PIRECTIJN WITH VARYING VALUES DF VI  SPO N NE E SE S SW W  4-10 .0 .1 .2 .0 .0 .0 .0 .0  11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0  22+ .0 .0 .0 .0 .0 .0 .0 .0 .0  TOT X .0 .1 .2 .1 .0 .0 .0 .0  5-3 .0 .0 .0 .0 .0 .0 .0 .0 .0  6-16 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .3 .4 .0 .0 .0  11-21 .0 .0 .3 .4 .0 .0 .0  11-21 .0 .0 .3 .4 .0 .0 .0  11-21 .0 .0 .3 .4 .0 .0 .0  11-21 .0 .0 .3 .4 .0 .0 .0  11-21 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .0 .0 .0 .0 .0 .0  0-3 .1 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .1 .1 .1 .1 .0 .0 .0 .0  11-21 .0 .0 .1 .1 .1 .1 .0 .0 .0  11-21 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0  0-3 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0  0-3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  0-3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .0 .1 .1 .0 .0  220 .0 .0 .0 .0 .0 .0 .0 .0  0-3 .0 .0 .2 .2 .2 .4 .3 .0 .0  11-21 .0 .0 .1 .1 .0 .0  220 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .2 .2 .2 .1 .4 .0 .0  0-3 .0 .0 .2 .2 .2 .1 .4 .0 .0 .0  11-21 .0 .4 1.5 1.8 .2 .0 .0 .0  TOT X .1 2.0 4.0 4.6 1.8 .2 .1  0-3 .2 .4 .3 1.7 .4 .2 .0	PERCENT FACO DF WIND DIRECTION VS WITH VARYING VALUES OF VISIBILES  SPD N NE E SE S SW W NW 4-10 00 11 12 00 00 00 00 00 00  11-21 00 00 00 00 00 00 00 00 00  22+ 00 00 00 00 00 00 00 00 00  TOT X 00 11 02 11 00 00 00 00  C=3 00 00 00 00 00 00 00 00 00  11-21 00 00 00 00 00 00 00 00 00  11-21 00 00 00 00 00 00 00 00 00  TOT X 00 01 12 13 00 00 00 00 00  TOT X 00 00 00 00 00 00 00 00 00  TOT X 00 00 00 00 00 00 00 00 00  TOT X 00 00 00 00 00 00 00 00  TOT X 00 00 00 00 00 00 00 00  C=3 00 00 00 00 00 00 00 00 00  TOT X 00 00 00 00 00 00 00 00  TOT X 00 00 00 00 00 00 00 00  TOT X 00 00 00 00 00 00 00 00  TOT X 10 12 11 12 10 00 00 00  TOT X 11 12 10 00 00 00 00 00 00  TOT X 11 12 20 00 00 00 00 00 00 00  TOT X 11 12 20 00 00 00 00 00 00 00  TOT X 11 16 22 2 10 10 00 00 00 00  TOT X 11 16 22 2 26 16 6 22 11 11  0-3 0 0 0 0 0 0 0 0 0 0 0 0 0 0  TOT X 11 20 00 00 10 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00 00 00  TOT X 11 20 00 00 10 00 00 00 00 00 00 00 00 00 00	PERCENT FREQ OF WIND DIRECTIJA VS WIND SPE WITH VARYING VALUES OF VISIBILITY  SPD N NE E SE S SW W NW VAR  0-3 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	PERCENT FREQ OF WIND PRECTIJA VS WIND SPEED WITH VARYING VALUES OF VISIBILITY  SPD N ME E SE S SW W NW VAR CALM  TOT 3 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0  4-10 .0 .1 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  TOT X .0 .1 .2 .1 .0 .0 .0 .0 .0 .0 .0 .0  C-3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .3 .4 .0 .0 .0 .0 .0 .0 .0  TOT X .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  TOT X .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0  C-3 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0  C-3 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0  C-3 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0  11-21 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0  C-3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	PERCENT FREQ OF MINN PRECISAL VS MIND SPEED WITH VARYING VALUES OF VISIBILITY  SPD N ME E SE S SM M NM VAR CALM PCT  TOT 3 .0 .0 .0 .1 .2 .0 .0 .0 .0 .0 .0 .0 .0 .1  4-10 .0 .1 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0  22+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

#### SEPTEMBER

PERIOD: (PRIMARY) 1914-1971 (UVER-ALL) 1857-1971

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TABLE 10

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9F

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# PERCENT FREQUENCY OF CRILING HEIGHTS (FEETANH >4/8) AND ACCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000				6500 79 <b>9</b> 9	8000+	TOTAL	NH <5/8 Any hgt	TOTAL DBS
00603	.0	.0	.0	•0	7.4	•0	.0	.0	.0	3.7	11.1	58.9	27
90360	.0	.0	.0	.0	.0	•0	.0	.0	.0	•0	•0	100.0	27
12615	.0	.0	.0	.0	2.9	.0	.0	.0	.0	•0	2.9	97-1	35
18821	.0	.0	.0	.0	2.9	.0	.0	.0	.0	2.9	5.7	94.3	35
TOT	0	0	0	0	3.2	0	0	0	0	2	6	118	124

TABLE 11

TABLE 12

		PERCENT	FREQLE	CY VSBY	(NH)	BY HOUR		CUMULAT					VSBY (NM)	
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TCTAL OBS	HDUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL
60300	.7	.7	2,1	1.4	17.1	77.9	140	00603	.0	•0	.0	13.0	87.0	23
C6609	1.5	.6	1.5	1.5	13.5	81.2	133	90360	•0	.0	.0	•0	100.0	24
12615	.0	.8	.4	.4	12.4	86.1	251	12615	.0	.0	.0	4.0	96.0	25
18621	.0	.6	.c	.6	13.6	85.2	162	18621	•0	.0	.0	6.9	93.1	29
TOT PCT	3	.7	.6	. 9	95 13.8	571 83.2	686 100-0	TOT PCT	0	0	9	5.9	95 94:1	101

TABLE 13

PERCENT PREGUENCY OF RELATIVE HUMIDITY BY TEMP TOTAL PCT 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 GBS FREQ TEMP F 90/94 85/89 80/84 75/79 TOTAL PCT .0 7.3 1.1 15 000000 .00000

TABLE 14

TAPLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

74 81.7 77 82.9 72 81.0 75 80.0 72 81.2 83 81 80 80 79 77 78 77 76 87 83 82

TABLE 16

PERCENT PREQUENCY OF RELATIVE HUMIDITY BY HOUR

TOTAL 085 51 37 51 48 187 7.8 43.1 41.2 10.8 51.4 29.7 (.0 49.0 39.2 .0 45.8 45.8 9 88 74 •••••

SFPTEMBER

PERIOD: (PRIMARY, 1914-1971 (OVER-ALL) 1857-1971

TABLE 17

AREA 0013 SOUTHEAST JAVA SEA 0.25 112.96

						-					0,25	112
PCT FREG OF AIR	TEMPERAT VS	URE AIR	(DEG -SEA	F) AN TEMPE	ID THE	OCCURR E DIFFE	FYCE OF F	DG (W	1 THOUT	PRECIP	ITATI	ONS
	AIR-SEA THP DIF	69 72	73 76			85	101	FOG	HD FDG			
	9/10 7/8 4 3 2 1 0 1 -2 -3 -5 -7/-8	000000000000000	000000000000000000000000000000000000000	1.0 3.0 7.0 5.5 2.5 3.0	7.5 11.5 7.5 21.5 7.0 6.5 1.5	1.0 3.0 2.5 1.0 1.0 .0	1 2 11 8 18 31 59 25 24 5	.0 .0 .0 .0 .0 .0 .0 .0	1.0 3.5 4.0 9.0 15.5 29.0 12.0 12.5 5.5			
	PCT	• 1 • 5	3	57	120	19 9.5	200 100.0	.5	1.5 199 99.5			

PEPIDD: (UVER-ALL) 1963-1971

TABLE 18

HGT 1-3 =-10 11-21 22-33 34-47 48+ PCT 1-3 4-10 11-21 22-33 34-47 48+ PC 11-2					P	T FRED	OF WIND	SPEED	(KTS:	NO DIPE	ettan i	/695mg	tea wee			
##GT 1-3 =-10 11-21 22-33 3-47 48* FCT 1=3 4-10 11-21 22-33 34-47 48* FCT 1=2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0					u							, E-303	SEW UFI	SMIS (FI	,	
C1			**10	11-21		34-47	484						NE			
3=4			.0	•0									22-33	34-47	48+	PC 7
3-6				•0												•0
7				• 0	.0											1.5
8-9																• •
10-11							.0									
12																
13-16								.0								
17-19																
20-22				•4.	.0					.0						
23-25				• • • • • • • • • • • • • • • • • • • •	•0											
26-32											.0					
33-0	26-32															
#1-88	33 0											•0				
#9-60												.0				
61-70		.0	.0								•0		.0			
71=86 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	61-70												.0			
TOT PCT .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0				.0												
HGT 1-3 4-10 11-21 22-33 34-47 48+ PCT 1-2				.0										•0	.0	
HGT 1-3 4-10 11-21 22-33 34-47 48+ PCT 1-3 4-10 11-21 22-33 34-47 48+ PCT 1-2 .0 18-8 1.1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	TOT PCT	.0	•0	•0	•0						3.0					
HGT 1-3 4-10 11-21 22-33 34-47 48- PCT 1-3 4-10 11-21 22-33 34-47 48- PCT 1-2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0								•••		••	2.2	•0	.0	•0	•0	2.2
HGT 1-3 4-10 11-21 22-33 34-47 48- PCT 1-3 4-10 11-21 22-33 34-47 48- PCT 1-2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0					_											
C1		1-3	4-10	11-21	22-33	34-47	484						SE			
1-2		.0	.0										22-33	34-47	48+	PCT
3-6			18.8										.0	•0	.0	
3-0														•0		
#-7					•0									•0		
10-11																
12: 0 :0 :0 :0 :0 :0 :0 :0 :0 :0 :0 :0 :0							•0									
13-16 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0							٠Ċ									
17-19 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	130'6															
	17-10															
20-27 .0 0 0 0 0	20-22					.0	.0			.0	.0					
73-74																
20.62										.0	.0					
33-40 0 0 0 0		Ä								.0	.0					
41-48 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		.0														
49-40 0 0 0 0 0 0 0 0 0 0											.0					
61-79 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
71-86 .0 .0 .0 .0 .0 .0 .0 .0 .0																
47												.0				
TOT PCT .0 19.9 8.A .0 .0 .0 .0 .0 .0 .0 .0												.0				
0 34.2 27.2 .0 .0 .0 61.4				- •	••		•0	40.7		•0	34.2	27.2				

								5	SEPTEMBE	R			40.54		<b></b>	
PERIODI	(OVER	-ALL)	1963-1	971				TABLE	18 (00%	173			AREA		S 112	ST JAVA SEA •9E
				P¢	T FREC	OF HIND	SPEED	(KTS)	AND DIP	ECTION	VERSUS :	SEA HEIG	HTS (FT	;		
	1-3	4-10	11-21	S 2/-33	34-47	48+	PCT		1-1	4-10	11-21	5 W 22-33	34-47	48+	PCT	
H5T <1	.0	.0	11-21	.0	.0		· c					.0	•0	.0		
1-2	č	2.2	1.1	.0		:0	3.3		1.9				.0		1.8	
3-4	.0	•••	2	.0		.ŏ				,		.0	.0	.0		
5-0	.c	.0	2.6	.0	۰	.0	2.6			) (		•0	•0	.0	.0	
7	. 3	.0	.0	• 0	• 2	.0	.0		• 0			.0	•0	•0	.0	
8-4	.0	.0	• 0	.0	.0	.0	.0		• (			•0	•0	.0	•0	
10-11	.0	.0	٠,٠	.0	• • •	.0	.0		• 6			.0	• 0	•0	•0	
12	• 0	.0	• 0	.0	•0	.0	.0		•9			•0	•0	.0	•0	
13-16	. 9	.0	•0	• 2	•0	•0	•0		:6			•0	•0	.0	•0	
17-19	٠.٥	.0	•0	.0	.0	•0	٥,					.0	•0	.0	•0	
20=22 23=25	.0	.0	0.	•0	٥.	.0	.0					.0	•0	.0	.0	
20-32		.0	.0	.0	٥.	.0	.0					.ŏ	.0		.0	
33-40	.0		.0	.0	ò	.0	ŏ					•0	•0	.0	.0	
-1-48	ě	.0	'n	.5	. 7	•0	.0					.0	•0	.0	.0	
49-00	.0	.0	'n	•0	.0	•0	.0				0.0	.0	•0	.0	.0	
61-70	.0	.0	.0	•0	•0	•0	.0		. (			.0	•0	.0	.0	
71-56	.0	.0	• (	.0	.0	.0	.0		• '			•0	•0	•0	•0	
87+	.c	.0	• 0	•0	• 1	•0	• 0		•			•0	•0	•0	•0	
TOT PCT	. 0	2.2	3.7	•0	.0	•0	5.9		1.	•	• .0	.0	•0	•0	1.8	
				w								*14				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-1	3 4-1	0 11-21	22-33	34-47	48+	PCT	PCT
<1	•.0	•0	•0	.0	.0	.0	.0					.0	.0	.0	.0	•
1-2	.0	.0	•0	.0	.0	.0				n ,		.0		.0	.0	
3-4	.c	.0	۰۵	. 0		•0	•0		• 1	o ,	۰. ۰	.0	•0	.0	•0	
5-6	.0	.0	•0	. 0	•0	٠٥	.0		•	9		.0	.0	.0	.0	
.7	.0	.0	• 0	•0	•0	.0	•0		• !			•0	•0	.0	•0	
8-7	.0	.0	•0	.0	.0	•0	•0		•			•0	•0	.0	•0	
10-11	•¢	.0	•0	•0	.0	•0	•0		• •	9		.0	•0	.0	.0	
12 13+16	.s	.0	•0	•0		.0	•0					.0	.0	.5	.0	
17-19	.ŏ		.0	.0	.0	.0	•0			,			.0	.5	.0	
20-22	.5	.0		.0	.,	.0	.0						.0	.0	.0	
23-25	. 0	.0	.0	•0		.0	.0					.0	.0	.0	.0	
26-32	.c	.0	.0	.0	.0	.0	.0					.0	.0	.0	.0	
33-40	. 0	.0	.0	.0	.0	•0	•0	1				.0	.0	.0	.0	
41-48	.0	.0	• 0	•0	.0	•0	•0		•			.0	•0	.0	.0	
49-00	.0	-0	• 0	•0	.0	•0	.0		• 1			.0	•0	.0	.0	
61-70	٠.	.0	•0	•0	•0	•0	• 0		•				•0	•0	•0	
71-86	• 0	•0	•6	•0	•0	• 0	•0		•				•0	•0	.0	
87+	.0	.e	•0	•0	.0	•0	.0		•				.0	.0	.0	100.0
TOT PCT	. 0	• 5	•0	•0	• 3	•0	• 0	'	•	•	• • •	.0	•0		•0	*****

	WIND	SPEED	(KTS)	V5 4E4	HEIGHT	(FT)		
нат	0-3	4-10	11-21	22-33	34-47	48+	PCT	TUT OBS
<1	1.4	2.9	.0	.0	.0	.0	4.3	003
1-2	1.4	42.0	5.8	. 0	. 0	.0	49.3	
3-4	.0	13.0	18.8	٥	.0	.0	31.9	
5-6		.0	11.6	.0	.0	.0	11.6	
7	.0	.0	2.9		.0	.0	2.9	
8-9	ŏ	õ		ŏ	.0	.0		
10-11	.5	. 5	.c	.0	.0	.0		
12	.0		.c	,	.0	۰۸	.0	
13-16	.0	. 5		ó		. 0	.ŏ	
17-19	.5		.0	ŏ		.0		
20-22	٠٥	ž		ŏ	.6	.0	.0	
23-29			č	ŏ		.0	.0	
	•0	•0				.0	.0	
20-32	.0	.0		.0				
33-40	٠.0	.0	.0	•0		• ?	.0	
41-48	•0	•0	٠.			٠,0	.0	
49-60	.0	.0	.0			)	.0	
61-70	.0	.0	.0			,	.0	
71-86	.0	• 0	.0	.0		0	.0	
87◆	٠.	• 0	.0	.0	.0	.0	.0	
								69
TET PET	2.9	58.0	39.1	.0	.0	.0	100.0	

								Seta	BER								
(OVER-ALI	) 101.							TABL	E 1				AREA OO	13 SOL 6.25	THEAS	T JAV	SEA
				,	ERCENT	FREQU	ENCY C	F WFATHE	R DCCUR	RENCE	BY WI	ND DIR	ECTION				
			•	RECIPI	PATION	TYPE						DTHER	HEATHE	R PHENO	MENA		
WND DIR	RAIN	PAIN Shur	DRZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME			THOR LING	FOG PO PCPN	FUG WU PCPN PAST H	HAZE	BLHC	RAY DUST SNOW	NO SIG
N NE E Se Su Su	.0 2.7 2.4 2.1 8.7 6.4	.0 .7 .2 2.1 .3	.0		.0	.00	•••••	.0 3.3 2.6 4.1 8.7 6.4	1.	0 3 2 0	4.0 .9 4.1 .0 8.7	4.4 8.1 .9 2.8 2.1 7.7	.0	2.0 2.7 6.2		.0	95.6 84.6 89.6 87.6 63.5
NW Var Calm	.0	9.1	.0 .0	.0 .0	.0	.0	•0	9.1 .0	•	ი 0	4.5 .0 16.2	.0	.0	• 6	)	.0	86.4
TOT PCT TOT CBS:	2.6 380	.8	.0	.0	•0	•0	•0	3.4	•		3.4	2.0	•0			,3	86.
								TAR	LE Z								
					PE	RCENT	FREQUE	NCY OF H	EATHER	OCCURR	ENCE	ву нач	R				
				RECIPI		-						OTHER	HEATHE				
HOUR (GMT)	RAIN	PAIN SHWR	DRZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME			THOR	FDG WD PCPN	FUG WE PCPN PAST H	HAZE	BLWG	RAY DUST SNDW	NO SIG WEA
00603 06609 12615 18621	3.4 1.1 .9 4.2	1.1 .0 .0 3.4	.0	•••	.0	.0	•0	4.5 1.1 .9 7.6	1:	9	.0 6.9 4.2	2.3 2.2 2.6 3.4	.0	3.3	<b>;</b>	.0	83.0 92.4 86.2 79.8
TOT PCT TOT DBS:	2.4 415	1.2	.0	•0	•0	•0	-0	3.6	•	7	3.1	2.7	•0	5 • 3	1	•2	85.
					•			TAR	LE 3								
WND DIR	0-3	#INC	SPEED	CKNOT	<b>S</b> )		CY OF		-	8 <b>Y SP</b> E	PD ANI	06 06	อบR หอมว 09	(GMT) 12	15	18	21
N NE E SE	1.0 1.6 2.4 2.3		.0 .7 .7 .6.4	CKNOT	\$) 4-47		TOTAL	PCT M FREQ 2.6 8.0 26.5	EAN SPD 4.6 6.4	00 2.3 17.4	73 4.0 11.5 20.0	06 2.3 4.6 31.3	HOUR 09 5.0 16.1 39.6	5.8 13.6 33.3	.9 3.8 26.6	3.2 7.5 31.3	2 · 13 ·
N NE E SE SW W W VAR	1.0 1.6 2.4 2.3 1.8 .5	1.7 5.7 18.6	\$PEED 1-21 2	.0 .0 .0	\$) 4-47	.0 .0	TOTAL	PCT 4 FREQ 2.6 8.5 32.5 10.3 6.3 1.7 1.6	ECTION  EAN  SPD  40.4  8.2  7.0	00 2.3 17.4 36.5 1.2 .7	4.0 11.5 20.0 33.5 14.0 4.0 2.0	06 2.3 4.6 31.3 28.6 13.5 4.9 2.0	5.0 16.1 39.6 23.6 6.1 1.1 2.1	5.8 13.6 33.3 27.5 7.5 2.8 2.0 2.5	3.8 26.6 39.5 14.0 6.1 1.2	3.2 7.5 31.3 30.1 10.0 7.5 .7 2.9	2: 13: 37: 26: 13:
N NE S S W N N N N N N N N N N N N N N N N N N N	1.0 1.6 2.4 2.3 1.8	1.7 5.7 18.6 23.7 11.5 4.2 1.0	.0 .7 .7 .7 .6.4 .9 1.7	.0 .0 .0 .1 .0	\$) 4-47	.0 .0 .0 .0 .0	TOTAL UBS	PCT MFREQ 2.6 8.0 20.5 32.5 16.3 1.7 1.6 4.5	EAN SPD 4.0 6.6 18.2 7.9 6.7 7.0 7.5	00 2.3 17.4 36.4 32.7 6.5 1.27	73 4.0 11.5 20.0 33.5 14.0 2.0 2.0 3.0 100	2.3 4.6 31.3 28.6 13.5 4.9 2.0 7.9	5.0 16.1 39.6 23.6 1.1 2.1 3.6	5.8 13.6 33.3 27.5 7.5 2.8 2.0 2.5 5.0 202	.9 5.8 26.6 39.5 14.0 6.1 1.2 .6 .0 5.3	3.2 7.5 31.3 30.1 10.0 7.5 .7 2.9	21 20 13. 37. 20. 13.
N NE E SE S W NH VAR CALM TOT DAS	1.0 1.6 2.4 2.3 1.8 .5 .3 .0 4.5	4-10 1 1.7 5.7 18.6 23.7 11.5 4.2 1.0 1.3	0 SPEED 1-21 2 .0 .7 5.4 6.4 6.9 1.7 .2 .1	.0 .0 .0 .1 .1 .0 .0	\$) 4-47	.0	TOTAL UBS	PCT MFREQ 2.6 8.0 20.5 32.5 10.3 6.3 1.7 1.6 0.5 100.0	EAN SPD 4.0 6.6 18.2 7.9 6.7 7.0 7.5	00 2.3 17.4 36.4 32.7 6.5 1.27	73 4.0 11.5 20.0 33.5 14.0 2.0 2.0 3.0 100	2.3 4.6 31.3 28.6 13.5 4.9 2.0 7.9	HOUR 09 5.0 16.1 39.6 23.6 6.1 1.1 2.1 3.6 .0 2.9	5.8 13.6 33.3 27.5 7.5 2.8 2.0 2.5 5.0 202	.9 5.8 26.6 39.5 14.0 6.1 1.2 .6 .0 5.3	3.2 7.5 31.3 30.1 10.0 7.5 .7 2.9	20 13. 37. 26. 13.
N NE E SE S W NH VAR CALM TOT DAS	1.0 1.6 2.4 2.3 1.8 .5 .3 .0 4.5	1.7 5.7 18.6 23.7 11.5 4.2 1.0 1.3 .0 763 67.7	0 SPEED 1-21 2 .0 .7 5.4 6.4 6.9 1.7 .2 .1	(KNDT 12+33 3	5) 4-47 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0	TOTAL OBS	PCT 4 FREQ 2.6 8.0 20.5 10.3 6.3 1.7 1.6 .0 4.5 100.0	ECTION ESPD 4064 88.2 7.9 60.7 7.0 7.5	00 2.3 17.4 36.4 32.7 6.5 1.27	4.0 11.5 20.0 33.5 14.0 2.0 2.0 3.0 100.0	06 2.3 4.0 31.3 28.6 13.6 4.9 2.0 7.9 7.9 100.0	HOUR 09 5.0 16.1 39.6 23.6 6.1 1.1 2.1 3.6 .0 2.9	5.8 13.6 33.3 27.5 7.5 2.8 2.0 2.5 5.0 202	9 5.8 26.6 39.5 14.0 6.1 1.2 .6 6 171 00.0	3.2 7.5 31.3 30.1 10.0 7.5 .7 2.9	20 13. 37. 26. 13.
N NE E SE S W NH VAR CALM TOT DAS	1.0 1.6 2.4 2.3 1.8 .5 .3 .0 4.5	1.7 5.7 18.6 23.7 11.5 4.2 1.0 1.3 .0 763 67.7	0 SPEED 1-21 2 .07. 5.4 6.4 2.9 1.7 .2 .1 .0	(KNDT 12+33 3	5) 4-47 .0 .0 .0 .0 .0 .0 .0 .0 .0	48+ .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	TOTAL UBS	PCT 4 FREQ 2.6 8.0 20.5 10.3 6.3 1.7 1.6 .0 4.5 100.0	ECTION  EAN 5PD 4.6.4 8.1 8.2 7.9 8.4 7.1 .0 7.3	00 2.3 17.4 36.4 32.7 6.5 2.7 1.2 2.7 149 100.0	73 4-0 11.5 20.0 33.5 14-0 4-0 2-0 100 100 00 MEARS PI	06 2.3 4.6 31.3 28.6 4.9 4.9 2.0 .0 7.9 7.0 100.0	HDUR 09 5.0 16.1 39.6 23.6 6.1 1.1 2.1 3.6 0 0 140 100.0	12 5.8 13.6 23.3 27.5 2.5 2.5 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	.9 26.6 39.5 14.0 0.5 171 100.0 GMT) 12 15 30.1 10.2 10.2 10.3	3.2 7.5 31.3 30.1 10.0 7.5 .7 2.9 .0 6.8 103	2 13 37 26 13

OCTOBER

PERIOD: (PRIMARY) 1917-1972 (OVER-ALL) 1857-1972

TABLE 4

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9E

J

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PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

					SPEED (				PCT	TOTAL
HUIJR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FPEQ	085
00603	2.8	11.2	67.1	18.5	.4	.0	.0	7.7	100.0	249
06609	4.6	13.0	66.7	15.3	. 5	.0	.0	7.1	100.0	216
12615	5.1	11.5	65.7	17.7	.0	.0	.0	7.3	100.0	373
18621	5.0	6.0	71.2	17.6	.3	.0	.0	7.7	100.0	319
TOT	92	118	783	201	3	Ö	Ü	7.5		1157
PCT	4.5	10.2	67.7	17.4	.3	.0	.0		100.0	•

TARLE 5

TABLE 6

	PCT FRE			CLOUD A		(EIGHTHS)		•					CEILIN NH <b>&lt;</b> 5/					
WAD DIE	0-2	3-4	5-7	8 & 08500	TOTAL CBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 999	1900 1999	2000 3499	3500 4999	5000 6499	6500 7999		NH <5/8 ANY HGT	TOTAL DBS
N	. 8	.6	.6	•0		3.3	•0	•0	.0	.0	.0	.6	.0	.0	•0	.0	1.4	
NE	1.0	1.0	1.2	. 8		4.0	•0	•0	.0	.0	.0	1.0	.0	.0	•0	.0	2.9	
£	14.3	7.9	10.3	3.7		3.7	•0		.0	.0	2.5	1.4	.0	.0	• 0	. 5	32.4	
ŠE	17.4	12.4	7.8	1.0		2.8	•0	•0	.0	1.6	2.3	1.0	.0	.0	•0	. 0	33.7	
Š	1.9	1.4	1.2	. 8		3.3	.0	• 0	.0	.0	1.4	.0	.0	.0	•0	.0	3.9	
Š#	. 2	.0	1.0	1.0		6.3	•0	• 0	, o	1.0	- 0	.0	.0	.0	• 0		1.2	
4	. 6	. 8	2.9	•6		5.1	•0	.0	.0	.6	1.6	•0	.0	.0	•0	.0	2.9	
Ñ#	.3	. 8	1.6	1.6		6.4	•0	.0	.ò	. 8		•0	. ō	.0	•0	.0	2.3	
VAR	.0	.0				•0	.0	40	. 0	•0	.0	.0	.õ	•0	•0	.0	•0	
CALM		.0	1.6	.8		5.5	•0	•0	. 0	•0	. 8	•0	.0	.0	•0	ě	2.3	
TOT DBS		žž	36	13	129	3.6	ů	ň	•ŏ	• •	12	• •	·ŏ	٥	• • •	• ~	107	129
TOT PCT		24.8	27.9	10.1	100.0	200	•0	• 0	.0	3.9	9.3	3.9	.0	• 0	•0	.5	82.9	100.0

TABLE 7

CUMULATIVE PCT FREG DF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NP >=/F) AND VSBY (NM)

				VS87 (14	:)			
CEILING	= DR	* OR	● DR	# DR	⇒ DR	• OR	2 3R	• <u>D</u> R
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• PR >6500	.0	.0	.0	.0	.0	.0	.0	.0
■ DR >5000	.0	•0	.0	.0	.0	.0	.0	.0
■ DR >3500	.0	•0	. c	.0	.0	.0	.0	٥
■ PR >2000	3.8	3.4	3.8	3.8	3.6	3.8	3.8	3,8
■ DR >1000	10.6	12.9	12.9	12.9	12.9	12.9	12.9	12.9
■ DR >600	13.6	16.7	17.4	17.4	17.4	17.4	17.4	17.4
■ PR >300	13.6	16.7	17.4	17.4	17.4	17.4	17.6	17.4
■ DR >150	13.6	16.7	17.4	17.4	17.4	17.4	17.4	17.4
# DR > 0	13.6	16.7	17.4	17.4	17.4	17.4	17.4	17.4
TOTAL	18	22	23	23	23	23	73	23

TOTAL NUMBER OF DBS: 132

PCT FREG NH <5/81 82.

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (FIGHTHS)

TOTAL
0 1 2 3 4 5 6 7 8 DBSCD DBS
19.0 16.3 20.4 15.6 10.2 7.5 2.0 3.4 5.4 .0 141

	70		٠	•
OΕ	ru	ø	E	•

							O.	. Asev						
PERIOD: (PRIMARY) 1 (OVER-ALL) 1							TAI	NLE 0				ARE	A 0013	SOUTHEAST JAVA SEA 6.25 112.9E
		P	ERCENT	FREQ PREC	OF WIN	IDN WI	CTION Y	AING A	URRENCE ALUES	E OR N OF VIS	0N-000	URRENC	E OF	
VSBY (NM)		N	NE	£	SE	\$	Sw	W	NW	VAR	CALK	PCT	TOTAL	
¢1/2	PCP ND PCP TOT #	.0	.0	.0	•0	•0	•0	.0	•0	••	•0	.0		
1/2<1	PCP NO PCP TOT %	.n .1	.0	•0	.0	•0	.0	.0	.0	.0	•0	.0		
1<2	PCP ND PCP TOT %	.0	.0	.0	.0	•0 •5	.0 1.3 1.3	.0	.0	.0	.0	3.2 3.2		
2<5	PCP NO PCP TOT %	.0	.0	•0	.0	•0	.0	.0	.0	•0	•0	.3 1.3 1.6		
5<10	PCP NO PCP TOT %	1.2	2.2	.3 7.1 7.4	8.9 9.7	6.7 7.2	2.9	.0	1.1 1.3	•0	.0 .R	2.1 31.1 33.2		
10+	PCP ND PCP TOT %	1.6 1.6	3.4 3.4	.7 21.0 21.7	.1 21.8 21.8	•0 5•0 5•0	11 1.4 2.0	2,4 2,6	.0 1.6 1.6	.0	1.3 1.3	1.1 60.0 61.1		
	TUT DBS	3.0	6.5	29.7	32.4	12.8	6.4	3.1	2.9	.0	2.9	100.0	380	

TABLE 9

				PERCEN	T FREQ WITH V	OF WI	NO DIP	ECTION S OF V	VS 41	ND SPE	ED		
VS9Y (44)	SPD KTS	N	NE	:	SE	5	SW	×	NW	VAR	CALM	PCT	TOTAL DBS
	0-3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	
<1/2	4-10	.0	•0	.1	.3	.0	.0	.0	.0	.0		.4	
	11-21	.0	•0	•0	•0	.0	•0	.0	•0	.0		.0	
	22+	.0	•0	•0	•0	٠0	.0	.0	•0	.0		•0	
	TOT \$	.0	•1	.1	.3	•0	.0	.0	.0	.0	•0	.6	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.1	.1	.0	.0	.0	.1	.0	.0	.0		. 3	
	11-21	.0	•0	.0	.0	.0	•1	.0	.0	.0		.1	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	-1	.1	•0	•0	.0	.3	.0	.0	.0	•0	.4	
	0-3	.0	.0	•0	.0	.0	.3	.0	.0	.0	.4	.7	
1<2	4-10	•0	.1	. 2	.0	.4	.3	.0	.0	.ò		1.0	
	11-21	.0	.0	.0	•0	.1	.1	٠.	.0	.0		.3	
	22+	.0	.0	•0	.0	•0	.0	.0	.0	.0		.0	
	TOT \$	.0	.1	•2	.0	.6	.7	•0	•0	.0	.4	2.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.3	
2<5	4-10	.0	. 2	.2	.4	.0	.1	.0	.0	.0		1.0	
	11-21	.0	.0	•0	.0	•0	.0	٠.	.0	.0		.0	
	22+	•0	.0	•0	•0	•0	.0	.0	.0	.0		.0	
	TOT X	.0	.2	•2	.4	•0	-1	.0	.1	.0	.1	1.3	
	0-3	.1	.2	.3	.3	.4	.1	.0	.0	.0	.4	2.0	
5<10	4-10	.5	1.0	3.0	4.1	3.1	. 9	- 1	.7	.0	-	13.6	
	11-21	.0	.0	1.3	1.7		.6	• 1	.0	.0		4.5	
	22+	.0	.0	•1	.0	•0	.0	.0	.0	.0		.1	
	101 \$	• 6	1.3	4.8	6.2	4.3	1.6	. 3	.7	•0	.4	20.1	
	0-3	.6	1.0	2.0	1.7	1.0	.2	.5	.1	.0	3.6	10.9	
10+	4-10	.,	3.3	15.2	18.7	7.8	2.6	1.0	. 8	.0		50.5	
	11-21	.0	.5	4,4	5.0	2.4	1.3	• 1	- 1	.0		14.0	
	22+	.0	.0	0	2	1	.0	.0	.0	.0		3	
	TOT \$	1.6	4.9	21.7	25.6	11.3	4.2	1.7	1.0	•0	3.6	75.7	
	OT ORS	2.3	6.6	27.0	32.4	16.2	6.9	2.0	1.9	.0	4.6	100.0	715

### OCTOBER

PERIOD: (PRIMARY) 1917-1972 (OVER-ALL) 1857-1972	TABLE 10	AREA 0013	SOUTHEAST JAVA SEA 6.25 112.9E
	PERCENT FREQUENCY OF CEICING HEIGHTS (FEET, NH >4/8: Occurrence of NH <5/8 by Houp	AND	

. .

TOT PCT

			TA	BLE 1	1						TABLE	12		
		PERCENT	FREQUENCY	VSBY	(NM)	AUCH Y8							VSBY (NM)	AND/OR
HDUR {GMT}	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS		<150 <50YD	<600 <1	<1000 <b>&lt;</b> 5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00803	•6	.6	5.1	1.3	16.6	75.8	157	00803	•0	.0	8.8	11.8	79.4	34
90300	.7	.7	2.2	•0	24.3	72.1	136	90360	•0	.0	.0	22.2	77.8	27
17615	.4	.4	1.2	1.6	21.0	75.3	243	12615	•0	.0	10.8	2.7	86.5	37
1862)	.5	.5	3,3	1.4	26.2	68.2	214	18621	•0	.0	5.9	17.6	76.5	34
707 PCT	.5	.5	21 2.8	9 1 • 2	166	546 72.6	750 100.0	TOT PCT	•0	.0	6.8	17 12.9	106	132 100.0

				τ.	ARLE 13	3									TABL	E 14				
	PERC	NT FR	EQJENC'	Y UF R	ELATIVE	E HUMII	DITY B	Y TEMP	TOTAL	PET		PERC	ENT FR	EQUENC	Y OF W	IND DI	RECTIO	1 98 F	EMP	
TEHP F	0-29	30-39	40-49	50-59	40-69	70-79	80-89	90-100		FREQ	N	NE	£	SE	5	SW	W	NW	VAR	CALM
90/94	.0	.0	.0	.4	.0	•0	.0	.0	1	.4	.0	.0	5.3	.0 3.9	.0 1.1 10.0	.1	.3	.0	.0	.0
85/89	٠.	•0	•0	1.6	3.1	7.4	1.9	•0	36	14.0	.2		5.3	3.9	1.1	: 1	. 4	. 8	.0	.4
80/64		• 2	.0	•0	4.3	35.7	33.7	5.0	203	78.7	3.1	3.4	21.7	27.0	10.0	7.0	1.5	1.6	.0	3.5
75/79	. 0	.0		•0			4.3	1.6	18		.0	.4	1.1	1.3	2.7	1.3			.0	.0
TOTAL	C	0	0	5	19	114	103	17	258	100.0										
PCT	.0	•0	.0	1.9	7.4		39.9	6.6			3.3	4.6	28.1	32.2	13.8	9.1	2.8	2.3	•0	3.9

				TAB	LF 15									TABLE	16			
	MEANS,	EXTREMES	AND	PERCEN	TILFS	OF TEM	(DE	G #) 6	Y HOUR		PERC	ENT FRE	DUENCY	OF RELA	TIVE H	YTIGINU	E4 HO01	t
HIIUR (GHT)	MAX	99%	954	50%	54	1%	41N	MEAN	TOTAL DBS	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL DB5
603603		68	86	82	79	76	72	85.5	250	00803	•0	1.6	12.5	45.3	34.4	6.3	78	64
12615	91 89	92 86	88 85	84 82	80 79	78 78	75 77	84.0	216 373	06609 12615	.0	6.5 1.3	17.7	45.2 36.8	30.6 44.7	13.2	74 80	62 76
18621 TOT	87 91	85	83 86	61 82	78 79	75 77	74 72	\$1.2 \$2.3	322 1155	18621 TOT	•0	•0	*0 22	43.8	49.4 119	6.7 20	81 79	89 291

OCTUBER

PERIOD: (PRIMARY) 1917-1972 (OVER-ALL) 1857-1972

TABLE 17

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9E

PCT	FREO	Q#	AIR	TEH				RRENCE FERENC			ндит	PRECI	TAT!	ON)
						 	 			_				

AIR-SEA THP DIF	69 72	73 76	77 80	81 84	85	89 92	TOT	# FDG	#0 <b>≠</b> 06
IMP OTE	12	.0		-	••	72		704	-00
7/8	.0	•0	.0	.0	.3	.6	3 2	.0	, 9
	.0	•0	.0	.0	. 3	. 3	2	.0	•6
9	.0	•0	.0	.0	1.2	.0	* 7	.0	1.2
4	.0	.0	.0	. 6	1.2	.3	7	.0	2.1
3	•0	.0	. 3	1.5	. 9	.0	9	.0	2.0
3 2	.0	.0	.0	7.0	2.4	.3	32	. 3	9.5
ĭ	.0	.0	. 3	8.0	2.4	.0	35	. 6	10.1
ō	.0	•0	2.1	26.6	1.2	.0	98	.6	29.4
-1		•0	1.8	8,9		ŏ	37	.3	11.0
-2		·ŏ	4.9	11.6	.9	.0	57		16.8
-3	.0	ěŏ	2.1	3.1	.0	ŏ	17		5.2
-4	ŏ	.0	1.8	2,4		.0	14	.ŏ	4.3
-5			.,	6.	.0	.0		:ŏ	1.8
	•0	• 3					6	• •	
-6	.0	• 3	.0	.6	•0	•0	3	.3	. 6
-7/-8	.0	•0	.3	.,1	.0	•0	2	.3	. 3
-11/-13	. 3	.0	. 0	.0	.0	.0	1	.0	. 3
TOTAL	ĭ	• • •	48	• •	38	•-	•	10	317
,	•	2		233	•	5	327		٠.,
PCT	.3	• 6	14.7		11.6	1.5	100.0	3.1	96.9

PERIOD: (OVER-ALL) 1963-1972

				PĈ	T FRED (	F WIND	SPEED	(KTS) AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT)		
				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	45+	PCT
<1	.0	.0	.0	•0	.0	-0	•0	•0	•0	.0	•0	•0	.0	•0
1-2	.0	1.3	.0	.0	.0	.0	1.3	•0	2.9	.3	.0	•0	.0	3.2
3-4	.0	.0	•0	.0	.0	.0	•0	•0	• 0	•0	•0	.0	•0	•0
5-6	.0	.0	•0	.0	.0	•0	•0	•0	•0	.0	•0	•0	.0	•0
.7_	• 0	.0	•0	•0	•0	.0	•0	•0	•0	.0	•0	•0	.0	•0
6-9	.0	.0	•0	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0
10-11	•0	.0	•0	•0	•0	•0	•0	•0	•0	•5	•0	•0	-0	•0
12 13-16	.0	•0	•0	*0	•0	.0	•0	•0	•0	.0	• 0	•0	.0	•0
17-19	.0	.0	•0	•0	•0	•0	•0	•0	:0	•0	•0	•0		•0
20-22	•0	.0	•0	.0	.0	•0	•0	ŏ	ŏ	•0	•0	.0	.0	.0
23-25	.0	:0	.0	.0	•0	.0	.0	ŏ	.0	.0	•0		:0	.0
26-32	.0	ě	•0	.ŏ	ő		.0	ŏ	.0	.0		.0	ŏ	.0
33-40	.č	.0	ŏ	.0			.ŏ	ŏ		.0	.0	.0	.0	•0
41-48		.0	.0	.0	.0	.0		ö	.0	.o		.0	.0	.0
49-60	.0		.0	.ŏ	. 0	.0	.0	ŏ	ŏ	.0		.0	.0	.0
61-70	.0	.0	.0	.0		.0		.0	.0	.0	.0		.0	
71-86	.0	.0	ŏ	•0	.0	•0	.0	.0	.0	.0	.0	•0	.0	.0
87+	.0	.0	.0	•0	. 5	.0	• 0	.0	.0	.0	.0	.0	.ŏ	•0
TOT PCT	.0	1.3	.0	.0	.0	.0	1.3	.0	2.9	. 3	.0	.0	.0	3.2
		_			-									
	1-3			E 22-33	34-47	48+	PCT	1-3	4=10	11-21	SE 22-33	34-47	48+	PCT
HGT		4-10	11-21					•0	1.3				-0	1.3
<1 1-2	2.6	15.4	1.9	•0	.0	.0	19.9	.0	17.0	4.2	.c	•0	.0	21.2
3-4	2.0	2.2	9.0	•0	.0	.0	11.2	.0	4.2	6.4	.0	.0	.0	10.6
5-6	.ŏ		5.6	.0		.ŏ	5.8	ŏ	.0	4.5	:		.6	4.5
7		.0	1.0	.0	ě	:0	1.0	š	.0			.0	.0	7,5
6-9	.0	.ŏ	.0		.0		0	•0	.0	.0	1.3	.0	.0	1.3
10-11	.0		.ő	.0	.0		.0	.0	.0		7.0	.0	.0	
12	ŏ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0
13-16	ō	.0	.0	.0	.0	, ŏ	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	•0	•0	.0	.0	.0	.0	.0	.0	Ö	.0	.0	.0
20-22	.0	.0	•0	.0	.0	.0	•0	.0	.0	.0	٠ŏ	•0	.0	• 0
23-25	.0	.0	•0	•0	.0	•0	•0	.0	•0	.0	•0	•0	•0	.0
26-32	.0	.0	•û	.0	.0	.0	•0	•0	•0	.0	.0	.0	.0	•0
33-40	.0	.0	•0	.0	.0	.0	•0	•0	•0	.0	.0	.0	.0	•0
41-48	.0	.0	•0	.0	.0	.0	•0	•0	•0	.0	.0	•0	.0	•0
49-60	.0	.0	•0	.0	•0	.0	•0	•0	•0	•0	•0	•0	•0	.0
61-70	•0	.0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0
71-86	.0	.0	•0	•0	•0	.0	•0	•0	•0	.0	.0	•0	•0	•0
87+	.0	.0	•0	•0	•0	•0		•0	•0		.0	•0	•0	0
TOT PCT	8.6	17.6	17.6	•0	•0	•0	37.8	•0	22.4	15.4	1.3	•0	•0	39.1

PERIJOI	COVE	1-4LL)	1963-1	972				TABLE	OCTORER 18 (CONT)				AREA		DUTHEAS \$ 112	ARZ AVAL TE Be,
				PC	T FREO	OF WIND	SPEED	(KT\$)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)			
	1-3	4-10	11-21	S 22-33	34-47	48+	PCT		1=3	4-10	11-21	22-33	34-47	48+	PCT	
HGT <1	1.3			.0	.0		1.3		••0		.,		.0	.0	.0	
1-2	.0	2.9	2.6	.0	.0	.0	6.7		.0	2.2	.0	.0	•0	.0	2.2	
3-4	:0		.0	ě			.0		.0	.0	1.3	.0	•0	.0	1.3	
5=6	ŏ	.ŏ	.0	.0	.0	•0	.0		.0	.0	.0	.0	•0	.0	.0	
7			.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
8-9	ŏ		.0	.0	.0	•0	.0		.0	.0	.0	.0	•0	.0	.0	
10-11	ō	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	•0	
12	٠	.0	.0	.,	. 0	.0	.0		.0	.0	.0	•0	•0	.0	.0	
13-16	ō		.0	.ó	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0	
17-19	ō	.0	•0	.0	.0	.0	.0		.0	•0	.0	.0	•0	.0	.0	
20-22	ō	.0	•0	.0	. 3	•0	.0		.0	•0	•0	.0	•0	.0	.0	
23-25	.0	.0	.0	.0	.0	•0	.0		•0	.0	•0	.0	•0	•0	.0	
20-32	.0	.0	.0	.0	.0	•0	.0		•0	• 0	.0	.0	•0	•0	.0	
33-40	i o	.0	•0	.0	.0	.0	.0		•0	.0	.0	•0	•0	•0	•0	
41-48	.0	.0	.0	.0	.0	•0	.0		•0	•0	•0	•0	•0	•0	•0	
49-00	.0	.0	•0	•0	.0	•0	.0		•0	• 0	.0	.0	•0	•0	.0	
61-70	.0	.0	•0	•0	.0	•0	.0		•0	•0	•0	•0	•0	•0	.0	
71-86	.0	.0	•0	.0	.0	•0	.0		• 2	•0	• 0	.0	•0	•0	•0	
87+	.0	.0	•0	.0	.0	.0	.0		• 0	.0	.0	.0	•0	.0	.0	
TOT PCT	1.3	2.9	3.8	•0	•0	•0	8.0		•0	2.2	1.3	•0	•0	.0	4,5	
				w								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	,	1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
4G1	1.0		•0	.0	0.0	7.0			.0		.0	.0	•0	.0	.0	. • .
1-2	1.3	3.2	.0	.0	.0	.0	4.5		.0	1.3	•0	•0	•0	.0	1.3	
3-4		7.0	.0	.ŏ		.0	.0		.0	.0	.0	.0	.0	.0	.0	
5-6			ěŏ	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0	
7	ā	.0	•0	.0	.0	•0	٥٠		.0	•0	.0	.0	•0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	ı	.0	•0	.0	.0	•0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	1	• 2	• 0	.0	.0	•0	.0	.0	
12	.0	.0	.0	.0	. 0	.0	.0	i	.0	•0	•0	.0	•0	.0	.0	
13-16		.0	•0	.0	.0	.0	.0		.0	•0	.0	.0	•0	.0	.0	
17-19	.c	.0	.0	.0	•c	.0	.0	1	.0	• 0	.0	•0	•0	.0	•0	
20-22	.0	.0	.0	.0	.0	٠٥	•0	)	•0	.0	.0	•0	•0	.0	.0	
23-25	.0	.0	•0	.0	.0	•0	•0	)	.0	.0	•0	.0	•0	•0	•0	
26-32	٥٠	.0	•0	.0	.0	•0	• (	)	•0	•0	.0	.0	• 0	•0	•0	
33-40	٠.	.0	.0	.0	.0	•0	•0		• 5	.0	.0	.0	•0	.0	.0	
41-48	.0	.0	.0	.0	.0	•0	• (		•0	•0	•0	.0	•0	•0	.0	
49-60	.0	.0	•0	•0	•0	.0	• 0		.0	.0	.0	.0	•0	•0	.0	
61-70	.0	.0	•0	.0	.0	.0	• (		•0	.0		.0	•0	•0	.0	
71-06	.0	.0	.0	.0	.0	•0	•0		•6	•0	•0	.0	•0	•0	•0	
87+	.0	.0	•0	.0	.0	•0			•0	.•0		•0	•0	.0	. • 0	98.7
TOT PCT	1.3	3.2	•0	•0	.0	•0	4.5	,	•0	1.3	•0	•0	•0	•0	1.3	48.1

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	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-39	34-47	48+	PCT	TOT DBS
<1	2.6	1.3	.0	.0	.0	.0	3.8	
1-2	3.4	46.2	10.3	.0	.0	.0	60.3	
3-4	.0	6.4	16.7	.0	.0	.0	23.1	
5-6	.0	. 0	10.3	.0	.0	.0	10.3	
7,0		.0	1.3	.0		.0	1.3	
8-9				1,3		.0	1.3	
10-11	.ŏ	.0	.0		.0	.0		
12	.6	.0	. 5	. 0	.0	.0	ŏ	
13-16		.0	.0	.0			, o	
17-19	.0			ŏ	.0	.0	.0	
20-22	.0	.0		ě			ŏ	
23-25	.0	.0		ŏ		.ŏ		
76-32	.0	.0	.č				.0	
33-40	.0						:0	
		•0						
41-48	•0	.0	.0				٠,٥	
49-60	.0	• 0	.0				.0	
61-70	.0	.0	.ç				.0	
71-85	.0	•0	.0				.0	
87+	.0	.0	.0	•0	-0	.0	.0	
								78
TOT PCT	6.4	53.8	38.5	1,3	.0	.0	100.0	

PERIOD: (PRIMARY) 1918-1971 (OVER-ALL) 1858-1971

TABLE 1

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9E

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHENO	HENA	
HND DIR	RAIN	PAIN Shur	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTNG	FOG WO PCPN	FDG WD PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
N	1.9	.0	.0	.0	.0	.0	.0	1.9	.0	9.5	3.8	.0	•0	•0	86,7
NE	1.9	7.5	.0	.0	.0		.0	9.4	.9	9.4	٠.0	.0	3.8	•0	78.3
E	.0	3.9	.0	.0	. 0	.0	.0	3.9	1.5	2.0	2.0	.0	2.9	•0	87.8
ŠE	1.6	1.6	.0	.0	.0	.0	.0	3.1	.0	5.0	.0	.0	5.8	•0	87.0
Š	5.4	.0	.0	• 0	.0	.0	.0	5.4	•0	6.1	.0	.0	3.4	•0	87.8
Š'n	6.1	. 7	2.7	.0	.0	.0	.0	9.5	• 0	6.1	1.4	.0	5.8	.0	77.0
	7.1	2.1	.0	.ŏ	.0	.0	.0	9.3	•0	10.7	1.4	.0	11.4	•0	69.3
Ñb	7.9		.6	.0	.0		.0	7.9	•0	15.8		.0	.0	•0	76.3
VAR		, o	.ŏ		.0	.0	.ö	.0	•0	.0	.0	ō	•0	.0	.0
CALM	.0	ë,	.0	.0	.0	.0	.5	.0	.0	3.2	.0	ō	•0	•0	96.8
TOT PCT	3.3 337	1.8	٠,	.0	.0	•0	•0	5.3	.3	6.8	.9	•0	4 • 2	•0	<b>83.</b> 7

TARLE 2

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			F	RECIPI	TATIO	TYPE					OTHER	WEATHER	PHEND	HENA	
HEUR (GHT)	RAIN	RAIN SHUR	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR	FOG WO PCPN	FOG WO PCPN PAST HR		SPRAY BLWG DUST BLWG SNDW	NO SIG WEA
00603 06609 12615 18621	3.8 3.5 .0 5.9	3.8 2.5 1.0 2.0	1.3	.0 .0 .0	.0	.0	.0 .0	8.8 5.8 1.0 7.9	1.2 .0	1.3 2.3 9.2 14.9	2.3 2.0	.0	7.5 3.5 3.1 4.0	•0	82.5 86.0 84.7 76.2
TOT PCT	3.3	2.2	.3	.0	٠٥.	•0	•0	5.8	.3	7.4	1.1	•0	4.4	•0	82.2

TABLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND CIR	0-3			22-33		45+	TOTAL OBS	PCT FRFQ	MEAN SPD	00	03	06	HOUR 09	(GHT) 12	15	16	21
N S S S S S S S S S S S S S S S S S S S	1.5 2.1 2.7 3.4 3.3 2.9 1.4 1.1	3.1 5.0 14.4 14.4 7.7 7.0 5.3 5.7	1.5 1.7 1.4 1.0	.0	000000000	0000000000		5.0 7.5 18.7 19.6 12.5 10.6 7.7 7.2	5.5 5.7 6.8 6.7 6.0 5.8 6.7	.7 2.4 12.8 26.2 18.2 18.4 10.1 2.1	8.5 10.5 20.5 17.5 8.0 4.5 7.0 11.5	3.2 4.2 23.9 19.7 7.3 11.2 8.4 10.1	9.9 17.4 22.4 13.8 5.9 2.3 5.6 11.2	5.9 13.4 25.5 14.9 6.5 5.2 5.9 7.0	2.2 3.9 20.2 23.6 14.9 13.2 6.5 3.7	4.3 2.3 17.0 17.5 9.8 12.6 11.5	3.8 2.8 9.7 22.4 22.9 14.2 9.0 5.9
CALM TOT CAS TOT PCT	11.3 247 29.6	733 62.5	8A 7.5	.4	.0	.0	1173	11.3	5.6	9.0 144 100.0	12.0 100 100.0	9.0 89 100.0	152	211 100.0	11.8 178 100.0	87	9.4 212 100.0

HND DIR	0-6	WIND 7-16	SPEED 17-27	(KNDTS) 28-40	41+	TOTAL DBS	PCT FREQ	MEAN SPD	00 03	HOUR 06 09	(GHT) 12 15	18 21
¥	3.8	1.0	•2	•0	.0		5.0	5.5	3.9 5.7	8.5 12.6	4.2 9.1	3.9 2.7
ŅΕ	5.4		• • •	•0			7.5 18.7	6.8	16.0	22.9	23.1	11.6
E	10.1	1.2	.3	•0	.0							
5€	11.6	7.2	.6	.1	.0		19.6	6.7	22.6	16.0	18.9	21.0
4	8.6	3.6	. 3	•0	.0		12.5	6.0	14.0	6.4	10.3	19.1
Sw	7.5	2.7	. 4	.0	.0		10.6	5.8	12.7	7.5	8.9	13.7
w .	4.3	3.2	.2	,0	.0		7.7	6.7	1.8	6.6	6.2	9.7
Ä	5.0	2.1	•0	ŏ	.0		7.2	5.9	5.9	10.8	5.5	7.4
VAR	0		.0	ō				Ö	·ò		.0	.0
		••	•0	•0	••							
CALM	11.3					_	11.3	.0	10.2	8.7	13.9	10.7
TOT 0#\$	793	354	25	1	0	1173		5.6	244	241	389	299
TOT PET	67.6	30.2	2.1	•1	.0		100.0		100.0	100.0	100.0	100.0

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PERIOD:	(PRIMARY) (OVER-ALL)	1918-197 1858-197						TARLE	•			AREA		AST JAV	A SEA
				PER	CENTAGE	FREGU	ENCY OF	HIND :	SPEED BY	/ HOUR	(GHT)				
		HOUR	CALM	1-3	4-10		SPEED 22-33			MEAN	PCT FREQ	TOTAL DES			
		00603 06609 12615 18621 TOT PCT	10.2 8.7 13.9 10.7 132 11.3	23.4 15.4 18.8 16.1 215 18.3	56.1 66.8 67 65.2 733 2.5	9.8 4.9 7.7 88 7.5	.4 .0 .8 .3 .3	•	0 .0	5.2	100.0 100.0 100.0 100.0	244 241 389 2)9 1173			

TAPLE 5

MABLE 6

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P	CT FRE			CLOUD A		(EIGHTHS)							CEILIN NH <5/					
PIC DNW	0-2	36	5-7	0028U	TRTAL CBS	CLOUD CCVE2	000 149	150 299	300 599	60n 999	1300 1999	2000 3479	3500 4999	5000 6499	6500 7999	800U÷	NH <5/8 ANY HGT	TOTAL OBS
N	.7	.7	1.6	.9		4.8	.0	. 0	.0	•0	.0	.0	.0	.0	•0	.0	4.0	
NE	.0	. 9	. 2	1.2		5.7	• 0	•0	.0	2	.0	.0	.0	•0	•0	.0	2.1	
E	3,c	5.4	2.8	. 7		3.7	•0	• 0	.0	• 7	. 9	.0	.0	• 0	•0	.0	10.3	
SE	9.6	4.9	2.8	2.3		3.0	•0	•0	.0	.0	.2	.0	.0	• 0	• 2	.0	19.2	
Š	5.4	3.5	.0	2.3		3.3	•0	• 0	.0	•0	• 7	•0	.0	.5	.7	.0	9.8	
Šh	1.6	3.0	4.9	4.2		5.7	•0	•0	. 9	. 9	2.3	. 9	.0	•0	•0	.0	8.6	
Ū	.7	2.6	6.1	2 • 1		5.5	•0	.0	.0	.7	1.4	. 9	.0	•0	• 0	.0	8.4	
NW	1.4	1.4	4.0	.2		4.4	• 5	.0	.0	. 2	.0	•0	.0	• 6	•0	.0	6.8	
VAR	.0	0	.0	•0		•0	•0	• ^	. o	• 0	.0	.0	.0	• 6	.0	40	•0	
CALM	6.5	6.5	4.7	. 9		3.5	•0	• 0	.0	•0	. 9	.0	.0	.0	.0	.0	17.8	
TOT DES	31	31	29	i 6	107	4.1	Ö	ő	ì	3	7	ž	ŏ	- 5	i	ő	93	107
TOT PCT	29.0	29.0	27.1	15.0	100.0		٠٥	•0	. 9	2.8	6.5	1.9	•0	•0	. 9	.0	86.9	100.0

TARLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VS3Y (NM)

				VSBY (NH	,			
CETLING	• DR	. UR	- DR	= OR	• DR	● DR	* DR	= DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	.0	.9	.9	. 9	.9	.9	.,	.9
■ DP >500Q	.0	. 9	.9	.9	. 9	.9	. 9	, 9
# DH >3500	.0	.9	, 9	. 9	. 9	. 9	. 9	.9
4 OR >2050	1.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7
► OR >1000	6.3	8.9	9.8	9.8	9.8	9.8	9.8	9.8
# DR >600	7.1	12.5	13.4	13.4	13.4	13.4	13.4	13.4
• DR >300	7.1	12.5	14.3	14.3	14:3	14.3	14.3	14.3
a 98 >150	7.1	12.5	14.3	14.3	14.3	14.3	14.3	14.3
■ DR > 0	7.1	12.5	14.3	14.3	14.3	14.3	14.3	14.3
TOTAL		14	16	16	16	16	16	16

TOTAL NUMBER OF OBS: 112

PCT FREQ 5H <5/81 85.7

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD DBS 12.9 23.4 25.8 15.3 7.3 3.7 4.0 3.2 4.8 .0 124

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PERIODI	(PRIMARY) 19 (DVER-ALL) 19							TAI	sif f				ARE	A 0013	SQUTHEAST JAVA SEA 6.25 112.9E
			PI	RCENT					VS DCCE VING V				URRENC Y	E OF	
	VSBY (NH)		N	NE	F	SE	s	Sw	۲	NW	VAR	CALM	PCT	TOTAL	
		PCP	.0	.0	.0	.0	•0	.0	•0	٥٠	.0	.0	.0		
	<1/2	NO PCP	.0	.0	.0	.0	•0	•0	•0	•^	.0	• 0	.c		
		TOT %	٠٤	•0	•0	•0	•0	+0	•0	•0	.0	•0	•0		
		PCP	.0	.0	.0	.0	•0	•0	.0	•0	.0	.0	.0		
	1/2<1	NO PCP	.0	.0	.0	.0	.0	.0	.0	• 2	.0	.0	,c		
		TOT %	·c	.0	.0	.0	•0	• 0	0	•0	.0	•0	.0		
		PCP	٠,	.0	.0	•0	.0	•0	• 9	.0	.0	.0	.0		
	1<2	NO PCP	.0	. 3	.4	1.0	•1	• 7	1.5	.0	.0	• 0	4.2		
		TOT &	٠,	.3	.4	1.0	•1	•7	1.5	.0	.0	• •	4.2		
		PCP	.0	٠,	.0	•0	•0	.4	.2	.0	.0	•0	.6		
	2<5	NO PCP	• C	.0	.0	• 0	.0	• 0	.0	• ?	.0	• ?	.0		
		TOT %	•0	• • •	•0	•0	•0	• 4	. 2	•0	•0	• 0	• 0		
		PCP	.1	.7	.6	.3	• 5	.3	.5	.7	.0	.c	3.9		
	5<10	NO PCP	3.0	3.3	5.4	5.5	3.9	3.•	2.2	3.3	.0	2.1	34.4		
		101 \$	3.2	4.0	7.0	6.8	4.5	4,9	2.7	3.9	•0	2 • 1	38.3		
		PCP	.0	.0	.0	.3	•0		• 2	.0	.0	• 9	.9		
	10+	NO PCP	4.6	3.6	7.6	11.0	6.4	5.3	5.8	4.5	• 0	7.1	56.1		
		TOT \$	4.6	3.6	7.8	11.3	6.4	5.7	4.0	4.5	•0	7+1	57.0		
		TOT THE												337	
		TOT PCT	7.8	7.9	15.2	19.1	11.0	11.0	10.4	8.5	• ^	9.2	100.0		

TABLE 9

The state of the s

				PERCEN	T FREQ WITH V	OF WI	NO DIRE	CTION OF VI	VS WIN	ID SPE	ED		
VSRY (NM)	SPD KTS	N	NE	E	SE	S	SM	Ħ	NW	VAR	CALH	PCT	TOTAL DBS
	0-3	.0	.0	.0	.0	.1	• 4	.0	.0	.0	.0	.3	
<1/2	4-10	. 1	• 1	• 1	. 1	. 1	. 1	.1	٠.	.0		.6	
	11-21	.0	.0	.0	.0	.0	.õ	•0	.0	۰.		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	. 1	-1	•1	•1	. 2	.3	. 1	•0	.0	•0	. 9	
	<b>∩-3</b>	.0	٠.٥	.0	.0	٠,	.0	.0	.0	.0	•0	.0	
1/2<1	4-10	.0	.0	.0	• 0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	.0	. 0	.0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	.0	.0	•0	.0	.0	.0	•0	•0	.0	-0	.0	
	0-3	.0	.0	•0	. 3	.0	.0	.1	.0	.0	.0	.4	
1<2	10	.0	.0	• 1	.3	.0	.2	.4	.0	.0		1.0	
	11-21	.0	.1	.1	.0	. 1	-1	. 2	.0	.0		.7	
	22+	.0	.0	.0	.0	.0	.0	•0	.0	.0		.0	
	707 %	•0	٠,	.3	.6	.1	.4	.7	• c	•0	•0	2.1	
	J-3	.0	-1	.1	.0	.0	.0	.0	.0	.0	.0	.1	
2<5	4-10	.0	• 1	•1	-1	.0		• 1	.0	.0		.4	
	11-21	.0	.0	•0	•0	. 1	.2	.0	•0	.0		.3	
	22+	.0	.0	•0	•0	.0	.0	.0	•0	.0		.0	
	<b>TOT </b> *	.0	.2	• 1	•1	. 1	.2	- 1	•0	.0	•0	.9	
	0-3	-1	.4	.4	.5	.1	. 3	.0	. 3	.0	2.1	4.3	
5<10	4-10	1.5	1.5	3.0	3.2	1.9	1.9	1.4	1.5	۰,0		15.9	
	11-71	. 1	.1	. 3	. 4	.3	.1	.1	. 2	.0		1.6	
	22+	.0	.0	•0	•0	.0	.0	• 0	.0	.0		.0	
	TOT %	1.7	5-7	3.8	4.0	2.3	2.3	1.5	2.0	.0	2-1	21.7	
	0-3	1.3	1.6	1.6	2.5	3.0	1.9	1.3	.5	.0	9.6		
10+	4-10	2.0	3.7	۶	11.6	6.0	5.2	3.6	4.0	.0		40.1	
	11-21	.4	.1	1.1	1.6	.7	.6	. 4	.0	.0		5.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	3.6	5.4	12.5	15.7	9.7	7.7	5.6	1.5	•0	9.6	74.5	
	TOT DAS	5.5	7.0	16.8	20.4	12.2	10.9	7.9	6.5	.0	11 4	100.0	705

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PERIOD: (PRIMARY) 1918-1971 (OVER-ALL) 1858-1971

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AREA 0013 SDUT' EAST JAVA SEA 6.25 112.9F

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PERCENT FREQUENCY OF CFILING MEIGHTS (FEETANH >4/8) AND DECURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 399		1000 1999					<b>0000</b>	TOTAL	NH <5/8 ANV HGT	TOTAL OBS
60503	.0	.0	4.0	.0	8.0	4.0	.0	•0	4.0	•0	20.0	80.0	25
90360	.0	.0	.0	4.5	.0	2.9	.0	.0	.0	•0	11.5	88.2	34
12615	.0	.0	.0	.0	11.5	.0	.0	.0	.0	.0	11.5	88.5	26
18621	,0	.0	•0	2.8	8.3	.0	٠.	.0	.0	•0	11.1	80.0	36
TOT	0	0	1	3.3	8	1.7	9	0	1	0	16	105	121

TABLE 11

TABLE 12

		PERCENT	FRFQUE	CY VSBY	(NM)	BY HOUR		CUMULAT					(HF) YASV RUCH YBIL	
HDUR (GHT)	<b>&lt;</b> 1, c	1/2<1	1<2	2<5	5<10	10+	TOTAL OSS	HDUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ 4N05+	NH <5/8 AND 5+	TOTAL ORS
60300	.7	.0	3.6	.7	22.3	72.7	139	£0300	•0	4.0	4.0	16.0	80.0	25
06609	1,4	.0	2.0		27.0	68.9	148	90340	.c	.0	9.7	3.2	87.1	31
12615	. 9	.0	2.0	.4	4	75.4	256	12615	•0	•0	4.0	●.0	88.0	25
18621	. 5	.0	2.1	1.1	26.3	70.0	190	18621	.0	•0	3,2	9.7	87.1	31
TOT PCT	.6	.0	17 2.3	. 6	175	529 72•2	733 100.0	TOT PCT	.0	.9	5,4	10	96 85.7	112 100.0

TARLE 13

TABLE 14

	• • • • • • • • • • • • • • • • • • • •																			
	PERC	ENT FR	EQUENC	Y UF #	ELATIV	E MUMI	DITY B	Y TEMP	TOTAL	PCT		PERC	ENT FR	EQUEN	Y OF 6	IND DI	RECTIO	N BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FREQ	N	NE	E	SE	S	SW	*	NM	VAR	CALM
90/94	•0	.0	•0		3.7	1.4	4.7	.0	4	1.9	2.2	0	.9 4.9 10.3	.0 2.9 17.7	.5	.0	.0 1.4 8.3	.5	٠٥	2.8
85/89 80/84 75/79	.0		•0	•0	2.8	35.3	29.8	5.6	158	73.5	4.3	3.7	10.3	17.7	2.0	9.0 1.0	å:3	4.2	••	4.4
TOTAL	0	ō	•0	1	14	104	77	19		100.0		.,,	•0			- • -				
PC"	•0	۰.	•0	.5	6.5	48.4	35.8	8.8			7.0	6.3	16.2	21.0	10.	10.2	10.0	7.6	•0	11.2

TABLE 15

TABLE 16

	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										PERCENT FREQUENCY OF RELATIVE HUMIDITY IN HOUR							
HOUR (GHT)	MAX	99%	95%	50%	54	1*	MIK	MEAN	TOTAL	HDUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	HEAN	1
£0300	93 93	91 91	88 89	83 84	79 78	77 75	75 74	83.1	246 243	60203 60300	.0	1.7	2.1	14.2 50.6	35.4	5.3 3.6	79 76	
12615	91 93	87 90	86	83 82	81 79	79 77	77	33.1 82.0	397 307	12615 18621	.0	•0	7.8	43.8	43.8	12.9	79 81	
TOT	93	90	67	83	79	77	74	83.0	1193	TOT	Ö	ĭ	įs	113	90	21	79	

NOVEHBER	N	'nν	£	H	3	E	ı
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 PERIOD: (PRIMARY)
 1918-1971
 AREA 0013
 SDUTHEAST JAVA SEA

 (d)VEB-ali)
 1858-1971
 TABLE 17
 6.25
 112.98

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

		77	81	85	89	101	,	<b>6.3</b>
AIP-SEA	73					101	<b>*</b>	
THP DIF	76	80	54	88	92		FOG	FCG
5	.0	.0	.4	1.5	.0	5	.0	1.8
	.0	.0	.4	1.5	1.5	9	.0	3.3
i	.0	•0	٥.	1.5	.0	4	.0	1.5
2		.0	1.3	2,2	.7	1.3	. 5	4.7
3 2 1 0	.0	.0	5.1	3,3	.0	23	. 4	8.0
Ü	.0	. 7	18.6	4.0	.0	64	1.1	22.3
-1 -2 -3	.0	1.1	16.1	3,3	.0	56	. 0	20.4
-2	.0	1.1	15.0	.4	.0	45	• 3	16.4
-3	.0	1.1	4.4	• ?	.0	15	• 0	5.5
-4	.0	1.5	6.9	• ^	• )	23	• 2	4.4
~5	.0	2.2	1.1	.0	.0	9	• 2	3.3
-7/-8	. 4	1.1	.4	•^	.0	9 5 3	.0	2.0
-9/-10	.4	.7	. 0	, ,	•"	3		1.,
TGTAL	2		19.		6		4	270
		26		45		274		
	-		• •			144		

PERISC: (GVER-ALL) 1963-1971

								TA	1914 18						
				9-	T FREG OF	WIND	SPEED	(KTS)	AND DIREC	V MEIT	EPSU5 S	FA HEIG	HTS (FT)		
HGT	1-3	4-10	11-21	¥ 22-33	-4-47	48+	PCT		1-3	4-13	11-21	NE 22-33	34-47	48+	PCT
<1	•.5	.0	.0	.0	. 2	•0	.0		.,	.0	.0	•0	• 5	. 9	.0
1-2	1.7	.0		.0	.5		1.7		. 6	. 6	.0	.c	.0		1.1
3-4	1.0	.0	ċ	.5	.0	٥.			ŏ	2,2	.0		,0		2.2
5-6	.0	.0	•0	.0	.5	.0	.c		.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0		. 0	.0	.0	.0	•0	.0	.0
8-9		.0	.0	-0	.0	•0	.0		.0	.0	.0	.0	.0	.0	.0
10-11	. 5	.0	.0	•0	. 5	.5	.0		'n	.0	.0	.0	• 0	.0	.0
12	.0	.0	•0	.0	. 2	•0	.0		•	.0	.0	.0	•0	.0	• 17
13-16	.c	.0	•0	. 0	n	.0	.0		.0	.0	.0	.0	• 5	.0	•0
17-19	,c	.0	• • • •	.0	.0	• 6			.0	.0	.0	.0	•0	.0	•0
20-22	.0	.0	.0	.0	.0	.0	.0		•0	.0	.0	.0	•0	.0	• 2
23-25	٥.	.0	.0	.0	.0	•0	.0		• 0	.0	.0	.0	•0	.0	•0
26.32	, 0	.0	•0	0	.0	.0	.0		•0	.0	•0	.0	•0	.0	•0
33-4C	, c	.0	٠,	.0	•0	.0	.0		• າ	.0	•0	•0	•0	•0	.0
41-48	.0	.0	• "	.0	•0	•0	.0		•0	•0	.0	.0	+0	.0	.0
49-50	.0	.0	•0	.0	•0	•0	•0		•0	.0	.0	.0	•0	.0	•0
61-70	.0	.0	• 0	•0	.0	٠.	•0		•0	•0	.0	.0	•0	• 0	•0
786	.0	.0	•0	•0	.0	•0	.0		•0	. 0	.0	.0	•0	.0	•0
87+	• ?	.0	• (	•0	٠.	.0	•0		•0	. 5	•0	+0	40	.0	•0
TOT PCT	1.7	•0	•0	•0	•0	.0	1.7		.6	2.6	•0	٠.	•0	•0	3.7
				F								\$E			
HGT	1-3	4-10	:1-21	42-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	45+	PCT
<1	.0	2.7	•^	• 2	.0	•0	2.2		6.7	2.2	.0	. 0	•0	.0	8.9
1-2	.0	7.3	• 0	• 0	.0	.0	7.8		2.7	10.0	.0	,0	•0	٠.	12.8
3-4	٠,٥	.0	3.3	.0	•0	•0	3.3		• 5	•0	5.6	.0	٠,٥	.0	9.6
5-0	٠,	.0	•0	.0	.0	-0	•6		• 3	.0	6.7	•0	•0	.0	6.7
7	.0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	٥٠	.0	.0
8-9	٠.	•0	•0	•0	•0	•0	•0		•0	.0	•0	•0	•0	.0	•0
10-11	.0	.0	.0	.0	~n	•0	•0		•0	•0	•0	•0	•0	•0	•0
12	• 0	.0	•0	•0	•0	•0	.0		•0	.0	.0	•0	•0	.0	.0
13-16	٠,	.0	• 6	•0	•0	.0	٥.		•0	.0	.0	.0	•0		.0
17-19	.0	.0	•(1	٠0	-0	.0				•0	.0	.0		.õ	.0
20-22 23-25	.0	.0	•0	.0	• 2	:0	•0		.0	.0	.0	•0	.0	:0	.0
23-23	:0	.0	•0	٠٥	•0	.0	•0		.0	.0	;	•0	.0	3:	.0
33-40	.0			.0	•0	.0	•0		.0	.0	. 5	.5		.6	ě
41-48	.0	.0	•0	.0	.0	.0	•0			.0	.0	•0	.0	.0	.0
49-50	.0		•0		.0	.0	-0		.0	.0	.0	.0	,0		.0
61-70	.0	.0	.0	•0	.0	.0	.0		Š		.0	.0	.0		ě
71-86	.0	.0	•0	.0	•6	.0	.0			.0			:0	:ŏ	ŏ
27+	.0	.0	•0	.0	.0	.0	•0		ŏ	.0			•0	:8	.0
TOT PCT	.5	10.0	3.3		.0		13.3		0.9	12.8	12.2	ŏ			33.9
	• •		,,,	.,,	• •				•••				•••	• •	

PER100:	(OVE	R-ALL)	1963-	1971				1	HOVEMBER							
									18 (CONT					6	\$00THE/	ST JAVA SEA
				90	T FREO	OF WIND	SFEED	(KTS)	AND DIRE	CTION (	"ERSUS	SEA HEI	GHTS (FT	,		
HGT	1-3	4-10	11-21	5 2?-13	34-47	48+	PCT		1-3	4=10		. Sh				
<1 1-2	2.2	.0	•0	.0	.0	-6	2.7			0	11-21	22-33	34-47	48+		
3-1	2.2	3.3	• (	.0	.4	٥.	5.0		ň	2.2	.0	٠.0	•c	•0		
5-6	.0	٠,٧	•0		•0	.0	+6				.0	•0	.0	•0		
7		.0	•?	• •	•0	• 4	.0		. 0	.0	•0	.0	,0	.0		
8-9	ŏ	.0	•0		•0	•0	.0		.0	.0	, 0	.0	• 5 0 •	-0	•c	
10-11	. 5	.0	90	•0	•0	•0	•0		• 0	.0	.0	.0	•0	.0	.0	
12	ià	.0		-0	.0	.0	.0		•0	.0	.0		٥٥	.0	٥.	
13-16		.0		.0	.0	•0	•0		•0	.0	.0	.5	٥٠	.0	.0	
17-19	.c		.6	.0	•9	•0	•0		.0	.0	.0	•0	•0	.0	•0	
20-24	.0	. 6		.0		.0	•0		• ^	.0	.0	.0	.0	.0	•6	
23 25	.0	. 0	•è	.0		.0	, c		•0	•0	.0	.0	.0		.0	
26-32	.0	.0	•0	.0	.;	.0	.0		•0	•0	•0	.0	• 0	.0	.0	
33-40	•0	.0	•0	.0		.0	.0		•0	•0	• •	•0	•0	.0	.0	
41-48	.0	•0	.0	•0	ž	.0	.0		• 2	•0	•0	•C	•0	•0	•0	
49~60	•0	.0	•0	.5	.0	·ŏ	.0		•0	•0	.0	.0	•0	•0	.0	
11-70	.c	.0	•0	.0	.0	.0	.0		.0	•0	.0	•0	•0	٠٥.	•0	
71-66	•0	.0	• ^	.0	.0	.0	.0			.0	.0	•0	•0	.0	.0	
87+	.0	٠.٥	•0	.6	.0	•0	.0		.0	.0	.0	•0	•0	.0	•0	
TOT PC?	4.4	3.3	•0	.0	.0	•0	7.6		ěč	2.2	•0	•0	•0	•0	•0	
									• •		•0	••	•0	•0	5.5	
HGT	1-3	4-10	11-21	₩ 22 <b>-33</b>	34-47							Na				TOTAL
<1	. 3	2.2		.0	.0	<b>+8</b> +	PLT		1-4	4-10	11-21	22-33	34-47	48+	PCT	PCT
1-2	.0	2.2	• 0	.,	.0	٠.	2.2		• ()	• 0	.0	2	0	٥.	.0	-61
3-4	•0	.0	3.9	.0	.0	•0	3.9		• 0	₹.2	.0	٠ö	ŧΰ	.5	2.2	
5-6	.0	• 5	2.	.0		.0	•0		•6	•0	•6	.0	.0	.0		
. 7	•0	.0	• 0	.0	. 0	.0	.0		•0	·	.0	.0	•0	. 0	.0	
8-5	• C	•0	•0	.0		.0	•0		٥.	٥٠	.0	•0	•0	. 0	ě	
10-11	•0	.0	+0	•0	ຳ	•0			.0	.0	•0	•0	.0	.0	,0	
12	٠.٥	-0	•0	.0	.0	.0	5.		.0	.0	•0	-0	•0	.0	•0	
13-16 17-19	•0	٠,	*0	.0	.a	.0	ò		ő	ŏ	•0	•0	•0	.0	.0	
50-55	٠٥.	•0	•0	• 0	• 2	-0	.0		ň	ű	•0	.0	•0	.0	•0	
23-25	.0	•0	•¢	-0	٠. د	•0	• 0		.0	.c	•0	• 2	•0	.0	.0	
26-32	.0	.0	•0	•0	•0	•0	•0		. 5	.0	.0	•¢	•0	•0	• 0	
33-40			•0	•0	. 3	9	•0		.0		•0	•0	•0	.0	•0	
41-48		.0	•0	•0	•?	-0			.0	.0	.0	•0	•0	٠.٥	•0	
49-50	ě	.0	•0	• C	•?	-0	•0		.0	.0	•5	•0	•0	•0	•0	
61-70		.0	·°	.0	٠.	• 0	• 0		2.	.0	.0	•0	•0	• 2	•0	
71-85	.5	.5	•0	•13	•¢	•0	•0		•0	•0		.0	•0	.0	•0	
87+		.0	•0	•0	•0	•0	•0		• 0	.0	.0	•0	79	.0	•0	
TOT PCT	. 5	4.4	3.5	•0	.n	• 5	0		•0	.0	.0		.0		٥٠ ٢٠	
•	-	••	•	*17	• 1.	•C	8.3		•6	2.2	.6	.0	•0		2.9	93.2
												••	••		200	73.3

	WIND	SPEED	(KTS)	VS SEA	HF!GHT	(FT)		
HCT	0-3	4-10	11-21	22-33	347	48+	PCT	TOT
<1	33.3	6.7	.0	.0	.0	_		085
1-2	6.9	28.9	č	.0	.0	•0	40.0	
3-4	.0	2.2	13.2			• • •	37.8	
5-6	.0			٠.	.0	.0	15.6	
7		•0	6.7	.0	.0	.0	6.7	
	•0	• 0	.0	.0	.0	.0	.0	
6-9	•0	•0		.0	.0	.0		
10-11	•0	.0	• C	.0	.0	·ŏ		
12	.0	.0		ŏ	.0		.4	
13-16	.0	.0				.0	.0	
17-19	.0			•0	•0	-0	.0	
20-22		•0	• C	.0	.0	٠٥	.0	
	•0	•0	• C	.0	.0	.0	.0	
23-25	-0	•0	.0	•0	.0	٠,		
26-32	.0	•0	• 0	. 0	.0	. 0		
33-40	.0	.0	.0				•0	
41-43	.0		10			•0	.6	
49-40	.ŏ	٠٥		•0	• • •	• (1	•0	
64 -76			•0	,0	.0	٠0	.с	
	•0	•¢	.0	•0	,0	٠,	.0	
71-06	.0	•0	٠.	.0	٠,	.0		
47+	.0	.0	•0	.0	. 0	.ñ	٠٥	
TOT PCT	42.2	37.8	20.0	.0	•0	•0	201.0	45

PEPIC	p/ (0)	/E9-ALI	.) 194	9-197	1				TABLE :	9											
					PERCENT	FRE	QUENCY DI	" WA	VE HEIGH	T (F	2V (T	HAVE P	ERIGO	(SECON	D <b>S</b> 1						
recting	4	1-5	3-4	5-6	7	8-9	10-11	12	13-16 1	7-19	20-22	23~25	20-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN
4-7 8-9 10-11 12-13 213 1NOET FOTAL PCT	21.6	34.5 .0 .0 1.1 .0 .0 1.1 .92	10.3	3.4	.0	.00.000	••••••	00000 100	00000000	•••••••	00000000	0000000	••••••••	.00.0000	•••••••			.000000		55 7 2 1 0 0 22 27	HGT 2 3 8 2

				PECEMBER		
₽E#IJD:	(PRIMARY) (OVER-ALL)	1912-1972 187:972		TABLE 1	AREA 0013	SDUTHEAST JAVA SEA 6.25 112.44
			PERCENT FREQU	ENCY OF HEATHER OCCURRENCE BY	WIND DIRECTION	
			PRECIPITATION TYPE		OTHER WEATHER	PHENDHENA
	WND DIR	RAIN RAIN	TRZL FRZG SNOW OTHER	HATE PERN ST PERN PAST TH	OR FOG FUG WO	SHOKE SPRAY 40

			•	RECIPI	CITATIO	Y TYPE					OTHER	MEATHER	PHEND	MFNA		
WND CIR	RAIN	RAIN SHER	TRZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HATL	PCPN ST OB TIME	PCPN PAST Hour	THOR LTNG	FBG HD PCP4	FUG WO PCPN PAST HR	Shoke Haze	SP! BLWG BLWG	DUST	
N	16.0	4.0	.0	.0	.0	.0	.0	20.0	•0	4.0	.0	.0	8.0		•0	72.0
NE	3.5	.0	.0	.0	.0	.0	.0	3.5	•0	3.5	10.5	.0	.0		•0	86.0
E	7.4	3.7	.0	.0	.0	9.	.c	11.1	.0	14.8	7.4	.0	•0		.0	74.1
SE	11.0	1.7	.0	.0	.0		.c	13.4	•0	6.7	5.0	ŏ	•0		.0	74.8
5	5.9	4.7	•0	.0	.0	.0	.0	10.6	6.7	.0	.0	.0	.0		• 0	84.7
5 <b>b</b>	11.8	2.8	.7	.0	. 0	.0	٠.	15.3	•0	9.0	.0	.0	.0		.0	70.3
	8.0	8.7	2.3	.0	.0	.0	.0	19.0	1.3	5.7	1.3	.0	.0		. 0	74.0
Ne	4.3	3.4	.0	.0	.0		.0	7.7	1.7	9,4	1.7	.0	•0		. 5	01.3
VAR	.0	.0	.0	.0	.0	.0	.c	.0	.0	.0	٠.٥		•0		.0	.0
CAL	.0	.0	.0	.0	•0	.0	•C	•0	•0	.0	•0	•0	•0			100.0
TOT PCT TOT CBS:	7.6 278	4.3	.7	.0	•0	.0	٠.	12.6	1.1	6.5	2.2	•0	••		•0	79.1

TABLE 2
PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			2	RECIPI	TATIC	TYPE					OTHER	WEATHER	PHEND	MENA	
HOUP (GPT)	PAIN	PAIN Shur	PR7L	FR2G PCPN	SNON	OTHER FRZN PCP4	HAIL	PCPN AT UB TIME	PCPN PAST Mour	THOR LTNG	FOG 1'O PCPN	FUG MB PCON PAST HR		SPPAY PLWG QUST BL#G SNDW	
00603 06609 12615 18621	4.3 2.7 8.9 16.3	2.9 7.2 4.0 2.7	2.9 2.9 .0 1.3	.000	.0	.0	.00	10.6 13.0 12.9 20.0	•0	.0 1.4 8.9 16.0	2.9 4.0 2.7	.0	2.9 .0 1.0	•0 •0 •0	87.1 92.6 77.2 60.0
TOT PCT	8.3	4.1	1.6	.0	.0	•0	.0	14.0	1.0	7.0	2.5	•0	1.0	•0	76.5

TABLE 3

PERCENTAGE FREQUENCY OF WINN DIRECTION BY SPEED AND BY HOUR

		n:N	D *PF	ES CKNS	TS:								HOUR	(GHT)			
HND CIR	2-3	4-10	11-21	22-33	34-47	41+	TOTAL Das	PCT FR#Q	SPD	60	03	06	09	12	15	18	51
₩ E 5 E	1.1 1.6 2.2 2.2	2.6 2.6 3.3 6.4	.6 .9	•0	0000	.0		4.1 4.4 5.7 9.1	6.0 4.3 4.8 5.2	2.9 .0 2.5 11.5	7.0 7.0 4.4 7.9	4.1 4.9 4.9	5.9 4.9 5.8 6.9	5.7 10.8 8.1	1.9 4.6 6.7 7.7	2.1 5.7 2.6 12.5	1.6 3.2 13.7
5 5 m H NH VAR	7.8 1.9 2.5 2.4	9.7 10.9 1 .5	7.1 7.1	1.7 1.2	.0 .1 .5 .4	• • • • • • • • • • • • • • • • • • • •		8.9 14.4 26.8 18.7	6.0 7.9 .0.5 9.7	16.4 23.8 23.8 14.3	16.7 8.8 21.9 12.3	16.1 16.3 26.6 16.0	2.4 22.5 32.4	24.2 20.5	5.8 9.6 34.6 19.2	5.2 18.2 27.1 22.4	8.9 23.4 32.3 13.7
CALM TOT CBS TEIT PCT	7.8 115 24.8	267 54.2	70 14.7	15 3.2	5	.0 .0	475	7.8	.0 7.5	4.9 61 100.0	14.0 57 100.0	11.5 61 100.0	7,8 51 100.0	7.2 83 100.0	57	.0 4.2 48 170.0	3.2 62 100.0

					TAR	1E 3A						
HND O.P	0-6	#IND 7-16	SPEED 17-27	(KNCTS) 28-40	41+	TOTAL OBS	PCT PREQ	MEAN SPD	00 03	HDU1 05 09	(GMT) 12 15	18 21
w.	2.8	1.1	•2 •C	.0	.0		4.1	6.0	4.9	5,4	5.0	.,
NE	3.7	.7	• C	•0	.0		4.4	4.3	3.4	5.4	5.4	3.4
E	4.7	1.0	.0	۰.	.0		5.7	4.5	3.4	6.7	9.3	3.0
SE	7.2	1.7	.0	•0	.0		9.1	5.3	9,7	5.0	8.0	13.2
4 E 5 E 5	5.7	2.7	,4	.0	.0		6.9	6.0	10.5	6,3	4.1	7.3
5 h	7.3	6.0	1.1	.1	.0		14.4	7.9	10,5	10.0	10.7	21.1
₩	8.7	14.8	2.0	.9	. 4		26.8	10.5	22.9	24.8	29.4	30.0
NH	7.6	8.3	2.7	.4	. 2		18,7	9,7	13,3	23.9	20.0	17.5
VAR	.0	.0	.0	.0				.0	.0		٥.	
CALM	7.8			••	•••		7.5		9,3	9.0	4.1	3.6
TOT ONS	264	173	28	7		475	7.5	7:0	iii	112	135	110
to per	15.6	36.4	5,9	1.5	٠.	4,2	100.0	, , ,	100.0		100.0	

DECPMBER

PERIOD	(PR]HARY) (OVER-ALL)							TARLE 4				AREA	0013	HEAST JA 112.8E	IVA SEA
				PER	CENTAGE	FREQU	ENCY DI	F WIND SP	EED BY	HOUR	(GHT)				
		HOUR	CALH	1-3	4-10			(KNOTS) 34-47	45+	MEAN	PCT FREQ	TOTAL DBS			
		00603	9.3	73.7	53.4	8.5	4.2	2 .8	.0	6.8	100.0	110			
		90360	9.8	16.1	31.6	17.9	2.7	7 1.8	•0	7.9	100.0	112			
		12615	8.1	14.1	55.6	19.3	3.0	0.0	.0	7.3	102.0	135			
		18621	3.6	14.5	64.5	12.7	2.1	7 1.8	.0	8.1	100.0	110			
		131	37	#1	207	70	1		٥	7.5	••••	475			
		PCT	7.8	17.1	\$6.2	14.7	3.	1.1	•0		100.0				

TARLE 5

Ç

TABLE 6

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3

p	CT FRE			LOUD A		EIGHTHS)							CEILIN NH <b>&lt;</b> 5/					
WND DIR	0-2	3-4	5-7	8 & 08\$CD	TCTAL CBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	0500 7999	6000+	NH <5/8 ANY HGT	
N	2.0	1.2	. 9	1.2		3.8	•0	.0	.0	.0	1.2	.0	.0	•0	.0	.0	4.1	
NE	.0	1.2	2.6	2.3		6.3	•0	. 7	.0	.0	.0	•0	.0	.0	1.2	.0	4.9	
Ē	.0	.0	3.0	•0		5.4	•0		.0	.0	1.2	•0	.0	• 0	•0	.0	2.6	
ŠE	3.5	.0	2.9	1.2		4.3	.0	.0	.0	1.2	.0	Č	2.3	•0	•0	.0	4.1	
Š	.0	.0	2.0	3.5		7.4	•0	• ?	.0	.0	3.2	•0	.0	•0	•0	.0	2.3	
Š'n	1.2	.0	5.8	4.7		6.5	•0	40	1.2	1.2	.3	2.3	.0	•0	•0	.0	6.7	
¥"	4.0	1.7	14.5	8.7		6.3	•0		.0	2.3	5.5	5.2	.0	•0	•0	.0	14.0	
NW	. 6	6.4	7.0	9.9		5.9	•0	.0	.0	1.2	2.6	1.7	.0	•0	•0	.0	18.3	
VAR	.0	.0	.0	•0		.0	•0	. ^	.0	•0	.0	• 0	.0	•0	•0	.0	•0	
CALM TOT UBS	1.2	3.5	2.3	2.3	R6	4.3 5.8	•0	•0	.3	•0	1.2	2.3	•0	0.0	•0	•0	5.8	86
TOT PCT	10.5	14.0	41.5	33.7	100.0	÷ '	•0	•0	٠,2	5.8	15.1	11.6	2.3	•0	1.2	• • •	62.8	100.0

TABLE 7

CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH )4/8) AND VSBY (NH)

					VSBY (NM	)			
CEI	LING	• CR	• DR	- DR	- 08	■ DR	• GR	• DR	= DR
(FE	ET)	>10	>5	>5	>1	>1/2	>1/4	>50YD	>0
= 88 >	6500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
. DR 2	4000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
- DR >	3500	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
. DR 2	2000	12.1	14.3	14.3	14.3	14.3	14.3	14.3	14.3
• CR >	1000	23.1	28.6	29.7	29.7	29.7	29.7	29.7	29.7
. DR 3	600	26.4	33.0	35.2	35.2	35.2	35.2	35.2	35.2
. DR 3	300	26.4	33.0	35.2	35.2	36.3	36.3	30.3	36.3
# DR 2	150	26.4	34.1	36.3	36.3	37.4	37.4	37.4	37.4
· 64		26.4	34.1	36.3	36.3	37.4	37	37.4	37.4
` 1	LTAL	24	31	33	93	34	3	34	34

TOTAL NUMBER OF OBS: 91

PET

PCT FREQ NH <5/81 62.6

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTMS)

C 1 2 3 4 5 6 7 8 DBSCN DBS 5.6 17.8 15.9 12.1 13.1 8.4 12.1 2.8 12.1 .0 107

0	F	¢	ŧ	Н	Ŋ	E	
---	---	---	---	---	---	---	--

							OFC	FHRER						
PERIODI (PRIMARY) 1 (QVER-ALL) 1							TA	GLE 8				ARE	4 0019	SDUTHEAST JAVA SEA 6.25 112.8E
		ÞF	RCENT	FREO: PREC	OF WING	DIRE	CTION Th Var	AING A	URRENCI ALUES I	OR N	IB1L11	URRENC	€ OF	
VSBY (NM)		N	NE	£	SE	S	Sw	•	NH	VAR	CALM	PCT	TOTAL	
<1/2	PCP NO PCP TOT %	.0 .0	.0	.0	•0	•0	• • • • • • • • • • • • • • • • • • • •	.0	•0	.0	•0	•0		
1/2<	PCP L NC PCP TCT %	.4 .c	.0	•0	•0	•0	.0	.0	.0	•0	•0	;7 1.4		
1<2	PCP NO PCP TET %	.0	.0	•0	.0	•0	•0	.0	.7	.0	.0	1.1 1.1		
2<5	PCP NO PCP FOT %	.000	.0	.0 .0	•0	•0	•0	1.1 1.4	.0	.0 .0	.0	1.1 1.4		
5<10	PCP NO PCP TOT %	.5 .9 1.4	1.4	1.4 1.8	3.1 4.0	.8 1.6 2.4	1.7 2.3 3.5	2.9 5.2 8.1	.7 6.3 7.0	.0	1.1 1.1	7.6 23.4 30.9		
10+	PCP NO PCP TCT %	.0 2.3 2.3	3.5	.2 2.5 3.1	6.2 6.7	5.2 5.2	6.6 9 1	1.9 15.2 17.1	.9 12.1 13.0	.0	.0 5.0 5.0	61.2 65.1		
	TUT 085	4.5	5.1	4.9	10.7	7.6	12.4	27.0	21.1	.0	6.1	100.0	278	

TABLE 9

			F	ERCEN	T FREQ WITH VA	OF WI	NA DIR	ECTIFA S DF V	12191F:	ID SPE	ED		
VSBY (NM)	SPD KTS	N	٧E	£	SE	S	5 W		Nw	VAR	CALM	PCT	TOTAL DBS
	3-3	٠.	.0	.3	.0	.0	.0	.0	.0	.0	.3	.7	
<1/2	.10	.0	.0	.6	.0	.0	.7	1.4	.0	. 6		2.0	
	11-21	.3	.5	.0	.0	ŏ	.0	.0	.0	.0		, 3	
	22+	.0	•0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT *	. 3	.5	. 3	.0	•0	.7	1.4	.0	.0	.3	3 1	
	0-3	.0	-0	.0	•c	•0	٥.	.3	.0	.0	.0	.3	
1/2<1	4-10	. 3	.0	.0	.0	.0	.0	. 2	.2	.0		.7	
	11-21	.0	•0	.0	.0	.0	۰.	. 2	. 2	.0		,3	
	22+	.0	.0	.0	•0	• 0	. 3	.0	.0	.0		.3	
	TO" \$	.3	•0	.0	.0	•0	. 3	.7	. 3	٥.	•0	1.7	
	0-3	.3	-1	.3	.0	.0	.0	.3	.0	٠.	.0	1.0	
1<2	4-1C	.0	•0	.0	.0	.0	.3	.0	.0	.0		.3	
	11-21	.0	.0	٠.	.0	.0	.0	.0	.7	.0		• 7	
	22+	.0	٠٥	٠.0	•0	•0	.:	•0	.0	.0		.0	
	TOT 3	.3	•1	. 3	•0	•0	.3	. 3	.7	.0	•0	2.0	
	0-3	.0	•0	.0	.0	.2	. 2	-0	.c	.0	.0	. 2	
2<5	4-10	.0	.0	.0	•0	.0	• 7.	. 3	, 3	.0			
	11-21	.0	•0	.0	.0	.0	.0	1.0	.0	.0		1.0	
	22+	•0	-0	.0	•0	.0	.0	.0	.0	•0		.0	
	TOT \$	.0	.0	•0	•0	, 2	٠z	1.4	.3	•0	.0	2.0	
	0-3	•0	.5	. 5	1.0	.7	.0	.0	. 3	.0	1.0	4.1	
5<10	4-10	1.4	1.0	1.2	2.7	. 9	2.3	4.4	5.4	•0		19.3	
	11-21	.0	.0	• 9	•0	.7	1.0	2.9		•0		5.4	
	22+	.0	.0	• 0	.0	.0	.0	3	.0	.0			
	T07 \$	1.4	1.5	1.7	3.7	2.3	3.3	7.6	6.5	.0	1.0	29.2	
	0-3	.9	.7	. • 7	. 0	1.2	2.0	1.8	2.4	.0	4.7	15.3	
10+	4-10	1.3	2.6	1.7	4.7	3.4	5.3	11.2	7.9	• 0		38.0	
	11-21	.0	.0	.5		.3	1.3	3,3	1.5	.0		7.8	
	22+	0	0	٠,	.0	.0	.0	3	?	•6		1.0	
	TOT %	2.2	3.3	2.9	6.4	4.9	8.6	16.6	12.5	.0	4.7	62.0	
	INT CAS									_			295
1	int PCT	4.6	4.9	5.2	10.1	7.6	13.4	28.0	20.4	•0	6.1	100.0	

PECEMBER

PEPIDD: (PRIMARY) 1913-1972 1913-1972 (DVER-ALL) 1875-1972

TABLE 10

AREA 0013 SDUTHEAST JAVA SEA 6.25 112.8E

PEPCENT FREQUENCY OF CHICING HEIGHTS (FEETANH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	909 149	190 299	300 599			2000 3499				8000+	TOTAL	NH <5/8 ANY HGT	TOTAL
20503	.0	3.4	3.4	6.9	13.8	3.4	6.9	.0	.0	•0	37.9	62.1	29
90360	.0	.0	.0	11.1	11.1	7,4	.0	•0	.0	• 5	29.6	70.4	27
12615	.0	.0	.0	•0	11.5	23.1	.0	•0	3.8	.0	38.5	61.5	26
18621	.0	.0	.0	•0	19.0	4.8	.0	.0	.0	.0	23.8	76.2	21
TOT	0	. 1	. 1	5	14	10	. 2	0	. 1		34	69	103

TABLE 11

TABLE 12

		PERCENT	FREO EN	CY V\$8	Y (4M)	BY HOUR		CUMULAT					VSBY (VM)	
MOUR (GMT)	<b>&lt;</b> 1/2	1/2<1	142	2<5	5<10	10+	TOTAL CBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
E0300	2.8	1	4.7	4.4	26.4	63.9	72	C0803	٠,٥	8.3	16.7	29.2	54.2	24
90360	2.7	1.4	••	2.7	31.5	61.6	73	06809	.0	٠.	12.0	20.0	68.0	25
12615	2.8	2.6	3.7	1.9	34.9	50.0	108	12615	•0	•0	4.3	39.1	56.5	23
15621	2.5	د	•6	2.5	38.0	55.7	79	18621	.0	•0	.0	26.3	73.7	19
TOT	2.7	d	7 2.1	7 2.1	114	189	<b>33</b> 2	TOT	0	2.2	8 8. A	26	57	91

TARLE 13

TABLE 14

				•		•									IAPL	2 44				
	PEPC	ENT FR	EDIENC	4 76 5	E- ATIV	E HUMI	DITY B	Y TEPP	TOTAL	PET		PERC	ENT FR	EQUENC	Y 0F 1	IND DI	RECTIO	N BY T	€ ×P	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FREQ	N	NE	ε	SE	5	SH	¥	NW	VAR	CALM
90/94 85/89	.9	• ?	.0	•0	1.2	9.5	.0	•0	22	1.2	.0	1.8	2.2	1.3	2.4	.1	1.5	3.0	.0	.0
89/84 75/79	.5	.0	0.0	•6	4.8	24.6	38.1 3.6	7.7 2.4	134	79.8	2.7	2.2	2.8	8.3	4.3	14.1	18.9	10.8	.0	•.0
TTTAL PCT	.š	-		•	7.1	35.1		17 10•1	168	170.0	5,7	4.0	>.7	10.9	7,9	15.8	22.3	21.9	.0	6.0

FABLE 15

	~E475,	EXTREM	FS AND	PFRCE"	TILFS	OF TE	49 (DE	G + ) B	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTICIM	BY HOU!	ı
4752 (GYT)	"AX	998	95%	50%	54	1%	411	MEAN	TUTAL DBS	HOUR (GPT)	0=29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
20603	95 92	94 91	90	83 84	79 79	76 75	75 75	83.3	124 116	00603 90360	.0	2.1	4.5	50.0	31.8	13.6	80 77	44
12615	86 85	85	85	82	79	77	77	82.3	149	12615	• 0	.0	5.9	29.4	50.0	14.7	81	9.8
18621	95	91	87	ê 1 82	78 79	76 76	75 75	81.1	119 508	18621 TOT	•0	2.3	13	20,9 71	65.1 91	26	83 83	203

DECEMBER

PERIJD: (PRIMARY) 1913-1972 (OVER-ALL) 1875-1972

TABLE 17

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.8E

PCT FRPO OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (MITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	85	89	707	¥	MB
THP DIF	76	80	84	80	92		FDG	FOG
9/10	.0	.0	.0	.0	.4	1	•0	.4
7/9	.0	•0	.0	. 8	.0	2	• 0	. 8
	.0	.0	.0	.0	. 4	ī	.0	.4
5	.0	.0	.4	.0	.0	ī	.0	.4
ě	.0	.0	. 4	4	.0	ž	.0	. 8
3	.0	.0	1.2	1.6	. 4	ī	.0	3.1
6 5 4 3 2		.0	1.2	3.1	. 4	12	.4	4.3
- 7	.0		8.3	1.6	. 0	25	.0	9.8
0	.0	.4	16.5	2.4	.4	50	1.2	18.5
-ĭ	ŏ	.4	11.0	1.2	ō	32		11.0
-ž			19.7	1.2	.o	55	. 8	20.9
-3		3.1	4.7	.0	.ŏ	20	.0	7.9
-4	.ŏ	3.9	4.3	ő	ŏ	21	ěŏ	8.3
-5					.0	17	•0	6.7
	. 6	2.4	3.5	•0		17		2.8
-6	•4	1.6		•0	.0	,	• 0	
JATET	3		183		,		8	246
		32		31		254		
PCT	1.2	12.6	72.0	12.2	2.0	100.0	3.1	96.9

PERIOD: (OVER-ALL) 1963-1972

				PC	T FREG !	OF WIND	SPEED	(KTS)	AND DIP	ECTION V	ERSUS S	EA HEIG	HTS (FT)	)	
				N								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.0	•0	.0		.0	• 0	.0	•0	•0	.0	•0
1-2	2.3	4.1	•0	.0	.0	•0	6.4		•0	2.9	.0	.0	• 0	•0	2.9
3-4	•0	•0	•0	.0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0
5-6	.0	•0	•0	.0	.0	.0	.0		•0	•0	.0	•0	•0	•0	•0
7	•0	.0	•0	•0	•0	•0	.0		•0	•0	•0	•0	•0	.0	•0
8-9	.0	.0	•0	.0	•0	.0	•0		•0	•0	.0	•0	•0	•0	•0
10-11	•0	•0	.0	•0	.0	•0	•0		• ^	•0	•0	•0	•0	•0	•0
12	.0	.0	•0	•0	•0	•0	•0		•0		•0	.0	•0	•0	•0
13-16	.0	.0	•0	.0	.0	•0	•0		•0		•0	•0	•0	•0	•0
17-19	•0	.0	•0	•0	.0	.0	•0		•0		• 0	•0	•0	.0	•0
20-22	.0	.0	•0	.0	.0	•0	•0		•0		•0	•0	•0	.0	•0
23-25	.0	.0	•0	•0	•0	.0	•0		•0		•0	•0	•0	•0	•0
26-32	.0	.0	•6	.0	.0	•0	•0		•0		.0	.0	•0	•0	•0
33-40	.0	•0	•0	•0	•0	•0	•0		•0		•0	.0	•0	•0	•0
41-48	•0	.0	•0	.0	•0	.0	.0		•0		.0	•0	•0	•0	•0
49-60	.0	.0	•0	.0	•0	•0	•0		•0		.0	•0	•0	•0	•0
61-70	.0	.0	•0	•0	.0	•0	•0		•0		•0	•0	•0	•0	•0
71-86	٠,	•0	•0	.0	••	•0	•0		•6		.0	.0	•0	•0	•0
87+	0	.0	•0	.0	•0	•0	.0		•0		.0	•0	•0	•0	.0
TOT PCT	2.3	4.1	•0	.0	.0	.0	6.4		•0	2.9	.0	•°	•0	•0	2.9
				Ε								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PÇT		1-3		11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	•0	•0	•0	•0		•0		•0	•0	•0	•0	•0
1-2	.0	1.7	•0	.0	.0	•0	1.7		.0		.0	•0	•0	•0	•0
3-4	•0	.0	ن٠	•0	•0	•0	.0		.0		•0	.0	•0	•0	2.3
5-6	.0	.0	•0	.0	.0	•0	•0		•0		.0	.0	•0	.0	•0
.7	.0	.3	•0	.0	.0	.0	•0		•0		•0	•0	•0	•0	•0
8-9	.0	.0	•0	.0	•0	•0	.0		•0		•0	•0	•0	•0	•0
10-11	.0	.0	•0	•0	•0	.0	•0		•0		.0	•0	•0	•0	•0
12	•0	.0	•0	٠.٥	.c	•0	•0		•0		.0	٠0	•0	.0	•0
13-14	•0	.0	•0	•0	•0	.0	.0		•0		.0	.0	•0	.0	•0
17-19	.0	٠0	•0	.0	٠,	.0	•0		•0		.0	•0	•0	•0	•0
20+22 23+25	•0	.0	•0	.0	.0	•0	•0		•0		•0	.0	•0	٠0	•0
	.3	.0	•0	.0	.0	•0	•0		•0		.0	•0	•0	•0	••
26-32	٠.	.0	•3	.0	.0	•0	.0		•0	•0	.0	.0	•0	•0	•0
33-40	٠٥	• 0	•0	•0	•0	•0	•0		•0		•0	•0	•0	•0	•0
41-48 49-60	•0	•0	•0	.0	.0	•0	•0		•0		.0	.0	•0	•0	•0
47-80	.0	.0	• 6	.0	•0	•0	•0		•0		.0	•0	•0	•0	•0
71-86	.0	.0	•0	•0	•0	.0	•0		•0		•c	•0	•0	•0	•0
	.0		•0	.0	٠,	••	•0		•0		•0	•0	•0	•0	•0
874		,•0	•0	.0	.0	•0	.•0		•0		•0	•0	•0	•0	.0
TOT PCT	•0	1.7	•0	.0	.0	•0	1.7		•0	2,3	.0	.0	•0	•0	2.3

				-2-				1	DECFMBER				4954	0013	SHITHEA	ST JAVA SE
PER 10D:	COVE	(-ALL)	1903-1	977				TABLE	18 (CONT)				AUEN		25 112	
				21	T F#EQ OF	WIND	*PEED	(KTS)	AND DIRECT	TION '	VERSUS S	EA MEIG	HTS (FT	,		
				5								SW				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10		22-33	34-47	48+	PCT	
<1_	• C	.0	•0	•0	.0	•0	. • 0		. • 0	.0		•0	•0	.0	9.9	
1-2	•0	1.7	•0		• ?	•0	1.7		4.7	5.2 2.3		•0	•0	.0	2.9	
3-4	•0	.0	•0	.0	• ?	•0	.0		•0	.0		.0	•0	.;		
5-6	٠.	.0	9.0	•0	٠.	•0			ő	.c		2.3	•0	ŏ	2.3	
7	•0	.0	•0	•0	.0	.0	•0		.0			• • • •	•0	.0		
8-9	• 0	.0	•0	.0	• ?	.0	•0		Š	ŏ		.0	.0	ě	·ŏ	
10-11	.0	.0	•0	.0	.0	.0	.0		Š	ŏ		.ŏ	.0	.0		
		.0	•0		.0	.0	.0		.0				.0	.0	·ŏ	
13-16 17-19	.ა .ა	.0	0.	.0		.0			č	.0		.0	.0	.0	.0	
20-22	.0	.0		.0	.0	.0	.0		.0	ŏ		.0	.0	ŏ	.0	
23-25	.c	.0	0.0	.0	:>	.0	.0		š	ŏ		.0	.0	.0	.0	
26-32	ě	:	.0	.0		.0	.0		ŏ	ŏ			.0	.ŏ	٥٠	
33-40	.0	.0	ò	•0	ň	.0	.0		Ö	.0		.0	.0	.0	.0	
41-48		ĕ	.0	.0	.0	.0	.0			. 5		•0	•0	.0	.0	
49-60	.0		•0	.0	.,	.ŏ	.0		c			.0		.0	.0	
61-70			.0	·ŏ	ó	.0	.0		ň	.0		.0	.5	·õ	.0	
71-86	.č	.ŏ	.0	٥.		.0	č		Ö	ŏ		.0	•0	.0	.0	
87+				.0	.0	.0			ŏ	.0		.0	•0	.õ	.0	
TOT PCT	.c	1.7	'n	.0	.0	•0	1.7		4.7	7.6		2.3	.0	.0	15.1	
нст	1-3	4-10	11-21	¥ 22-33	34-47	48+	PCT		1-3	4-10	11-21	'\H 22=33	3 47	48+	PCT	TOTAL PCT
	1.7	2.3	11-21	.0	.0	0	4.1			2.3		.0	.0	.0	2.9	. •
<1 1-2		12.8	5.2	•0	• • •	•0	18.0		4.7	1.1		.0	.0	.0	10.5	
3-4	.0	.0	3.5	4.7	:5	٠٥	8.1					ز.	.0	.5		
5-6	ě		•0	7.0	٥		.0		ŏ	.0			.5	.0	.0	
7		.0	•0	.0		.0	.0		.0	.0			•0	.0	.0	
8-9		.ŏ	2.3	.0	ò	.0	2.3		ŏ	. 0		.0	2.3	.0		
10-11	ě	.ŏ		.0	. 6	.0			.0	.0		.0	2,3	.0		
12	.0	.0	.0	.0	.0	.0	.0		.0	. 0		.0	.0	.0	• 0	
13-16	.0	.0	.0	•0	.0	.0	.0		•0	.0		.0	•0	.0	.0	
17-19	. 0	.0	• 0	•0	.0	.0	.0		.0	.0	0.0	•0	•0	.0	.0	
20-22	.0		•0	.0		.0	.0		.0			.0	.0	.0	• ^	
23-25	.0	.0	•0	•0	.n	.0	•0		.0	.0		ō	•0	.0		
26+32	.o	.õ	.0	.0	.0	.0	.0		.0	.0		.0	•0	.0	.0	
33-40	.0	.0	.0	.0	.0	•0	.0		.0			.0	•0	.0	•0	
41-48	.ŏ	.0	.0	.0	. 0	.0	.0		.0	. 0		.6	•0	.0	.0	
49-60	.0	.0	.0	.0		.0	.0		.0	• 0		.0	.0	.0	.0	
61-70		.0	•0	•0	.0	. 0	.0		.0			.0	.0	.0		
71-06	.0	.0	•0	.0	.0	.0	.0		•0		• • •	.0	•0	.0	•0	
87+	. 0	.0	.0	.0	.0	.0	•0		. 0	• 0		.0		.0		
TOT PCT	1.7	15.1	11.0	4.7	.0	.0	32.6		5,2	6.4	2.3	.0	4.7	.0	18.6	81.4

	m I ND	SPEED	(K75)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	22.7	4.5	.0	.0	.0	.0	27.3	000
1-2	11.4	31.8	6.8		.0	.0	50.0	
3-4		4.5	4.5	4,5	.0	.0	13.6	
5-6	.0	.0	.0	.0	.0	.0	.0	
7	ě	.0	.0	2.3	.0	.0	2.3	
8-9	.0		2.3		2.3		4.5	
10-11	.0	.ŏ			2.3	.0		
							.0	
12	.0	•0	.0	.0				
13-16	•0	•0	•0	.0	.0	.0	٠.	
17-19	.0	•0	.c	.0	.0	• 0	• 0	
20-22	.0	•0	.c	.0	.0		٠.	
23-25	.0	•0	.0	.0	.0	.0	.0	
-4-32	.0	.0	.0	.0	.0	٠,	.0	
33-40	.0	.0	.0	.0	.0	. ?	.0	
41-48	. 0	.0	.0	.0		.0	.0	
49-60	.0	.0	•0	.0			.0	
61-70		.0	.č	,0			.ŏ	
71-86	.0	.ŏ	.0	ě				
87+							.6	
a / •	.0	.0	.0	.0	.0	•0	••	
TET PET	34.1	40.9	13.6	6,8	4.5	.0	100.0	44

PERIO	ט: נס	E#-ALL	195	0-197	2				T#BLE	19											
					PERCENT	FREC	WENCY DE	WAY	E HEIG	HT (FT	r) VS (	HAVE PE	ER:OD	(SECON	) S 1						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	14.7	42.7	12.0	.0	1.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54	2
6-7	• 0	2.7	4.0	1.3	1.3	1.3	1.3	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	•	5
8-9	.0	. 0	. 0	.0	.0	.0	.0	.0	.0	.0	:0	.0	.0	.0	.0	.0	.0	.0	.0	٥	
10-11	.0	1.3	.0	.0	.0	.0	-0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	٠.	.0	1	2
12-13	• 0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	•0	٠.	0	
>13	•0	.0	.0	.0	.0	.0	•0	.0	•C	.0	.0	•0	٥,	.0	.0	.0	٠.	.0	.0	0	
INDET	12.0	.0	.0	1.3	.0	1.3	.0	٠.	.0	.0	.0	.0	.0	0	.0	.0	٠.	.0	.0	11	1
TOTAL	20	35	12	2	?	3	1	0	C	0	0	0	0	0	0	0	0	0	0	75	2
PCT	26.7	46.7	16.0	2.7	2.7	4.0	1.3	•0	•0	.0	•0	.0	.0		•0	.0	.0	.0	.0	100.0	

PERIOD:	(PRIMARY)	1913-1973
	(DVER-ALL)	1855-1973

TABLE 1

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9E

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTIO	PERCENT	FREQUENCY	OF	WFATHER	DCCURRENCE	87	WIND	DIRECTION
--	---------	-----------	----	---------	------------	----	------	-----------

			,	RECIPI	TATIO	TYPE					OTHER	WEATHER	PHEND	MENA	
WHD DIR	RAIN	RAIN SHUR	PRZŁ	PRZG PCPN	SNOW	OTHER FRIN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST HOUR	THDR LTNG	FOG WO PCFN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	NO SIG WEA
FINE NE SE SW WW VAR CALM	3.3 2.9 2.0 4.0 6.3 4.2 3.8 2.8	1.3 1.7 2.7 1.8 1.6 4.2 3.9 3.9	.0 .4 .1 .3 .2 .4 1.0	.00	0000000000			4.6 5.0 4.8 6.1 8.7 6.8 2.4	1.0 .2 2.4 .4 .5 1.2 .6	2.3 4.1 4.4 2.6 4.5 2.6 5.5 3.9 4.7	1.5 3.1 2.2 1.9 .8 2.4 5.4 3.0	.00	8.0 2.8 1.6 1.3 2.3 2.7 1.8 1.1	.0 .0 .1 .0 .0	83.0 85.5 85.2 88.2 85.3 84.3 78.0 85.0
TOT PCT TOT 085:	3.4 5071	2.5	.4	.0	.0	•0	•0	6.2	.7	3.7	1.6	•0	1.0	•	80.0

TARLE 2

# PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			P	RECIPI	TATIO	N TYPE					DTHER	WEATHER	PHENDI	MENA	
HOUR (GMT)	RAIN	PAIN Shwr	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LING	FOG WD PCPN	POG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	ND Sig Wea
00003 00009 1215 13321	3.0 2.2 3.8 5.4	2.7 3.0 1.8 3.5	.6 .5 .4	.0	.0	.0	.0	6.2 5.5 6.0 9.4	1.2 .2 .6	.3 .6 6.4 7.3	1.6 1.7 2.2 1.6	.0 .0	3.1 2.5 1.7 1.4	.1	88.1 88.8 84.6 81.3
TOT PCT	3.7	2.6	.5	.0	.0	.0	.c	6.8	.6	3.9	1.7	•0	2.1	•	5, 6

# TARLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			EC (KNI 22=33		48+	TOTAL DBS	PCT FRFQ	MEAN SPD	00	03	06	HOUR OF	(GMT) 12	15	18	21
NE SE SS SW NW VALM TOT OBS	1.0 1.5 2.0 2.0 1.6 1.2 1.7 1.5	2.1 4.4 14.2 15.5 6.1 4.3 7.0 5.9	2.3 4.6 6.1 1.5 9 3.1 2.2	.2 .2 .1 .1 .4 .3 .7	.0	.00	14521	3.4 6.7 22.0 23.8 9.3 6.6 12.3 9.8	5.5 6.3 7.5 7.0 7.1 7.1 6.9	1.9 2.7 15.0 30.2 15.1 9.8 13.3 7.4	4.7 7.4 19.8 23.3 9.7 4.8 17.9 10.9	27.2 7.2 6.3 13.3	17.5 4.6 2.3 10.9	4.8 10.6 27.4 19.2 5.4 4.0 10.7 10.8 7.1 2697	2.2 5.1 23.7 25.6 9.2 6.2 12.4 8.3 7.4	2.7 5.7 25.2 21.7 7.1 7.2 13.0 10.7 6.6	1.7 2.7 16.8 26.8 14.4 11.2 13.5 6.8 6.1 2412
TOT PCT	18.6	59.6	20.5	1.1	• 1	.0		100.0	• •				100.0			100.0	

# TABLE SA

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL DBS	PCT FREQ	MEAN SPD	00 03	HDU1 06 09	(GMT) 12 15	18 21
N	2.5	.8	•1	.0	.0		3.4	5.5	3.1	5.1	3.6	2.1
NE	4.0	2.6	.1		.0		6.7	6.3	4.6	10.2	8.2	3.8
€ _	1.7	13.3	1.0		.0		22.0	7.5	16.9	24.0	25.8	19.6
SE	8.6	14.1	1.1		. 0		23.8	7.6	27.4	21.2	22.0	25.1
•	4.6	4.3	- 4	•			9.3	7.1	13.0	5.3	7.1	12.0
Šw		2.5	.3	•				7.2	7.7	4.5	4.9	9.8
	3.7						6.6					
W	5.2	5.9	1.1	•1			12.3	7.1	13.1	11.9	11.4	13.3
NW	4.6	4.2	.9	.1			9.8	6.9	1.1	13.2	9.7	1.2
VAR	.0	.0	.0	.0	.0		ō	.0	, 5	.0	.0	•0
CALM TOT DAS	6.2				-	14521	6.2	7.7	5.4 3179	5.1 2921	7.2	6.3 3450
TOT BET	47 0	47 7	4.0	. 1			100 0		100.0	100 0	100 0	100 0

	N		

PERIOD: (PRIMARY) 1913-1973 (DVER-ALL) 1955-1973

TARLE 4

AREA 0013 SOUTHEAST JAVA SEA 6.25 112.9E

PERCENTAGE	COPOURNEY						
PERLENIALE	PREQUENCY	L.P	MIND	2 PEED	87	HDUR	(CPT)

					SPEED (				PÇT	TOTAL
HUITE	CALM	1-3	4-10	11-21	22-37	34-47	48+	HEAN	FREQ	OBS
00603	5.4	16.0	55.6	21.5	1.3	.1	.0	7.6	100.0	3179
90000	5.1	11.6	59.4	22.6	i.i				100.0	2921
12615	7,2	12.3	60.0	19.4	1.0		.0		100.0	4771
18621 TUT	6.3	10.1	62.5	19.7	1.2	.2	.0		100.0	3650
PCT	0.2	12.5	59.6	20.5	1.1	- 1	.0	,	100.0	14521

TAPLE 5

TABLE 4

•	PCT FRE	C 3F 1	PATEL PINE	CLEUD 4 0 DIR:0	MOUNT :	(EIGHTH\$)			PERCEN	TAGE F	REQUEN	ICY OF	CEILIN	G HE10	HTS (I	TANH :	94/8} 3N	
HND UIR	0-5	3-4	5-7	8 C 085CD	TOTAL CBS	MEAN CLOUD COVER	000 149	150 299	300 499	999	1000	2000 3499	3500 4999	5000 6499			NH <5/8 ANY HGT	
N	. 5	.6	. 8	.7		4.2	.0	•0	.0	.2	, 5	_	,					
٧t	. 0	1.0	1.2	.7		4.3	•0	.0				•	• 1	•0	•0	•1	1.8	
E	9.1	5.4	6.8	1.3		3.9	• • • • • • • • • • • • • • • • • • • •		• •		. 3	• 1	•0	•0	• 1	•0	3.0	
ŠE	12.2	6.6	5.0	2.1				•0	• •	. • 5	2.2	. 4	, <u>2</u>	•0	• 1	•1	20.0	
	1.7	1.1				3.8	•0	• 0	. 1	1.2	1.2	• 2	.3	• 4	+1		25.6	
•			1.4	1.0		4.9	•0	• 0	•0	.3	.9	.3	.0	•0	•1	. 1	3.6	
<b>\$</b> ~	.6	. 4	2.0	1.3		4.8	•0	•0	. 2	.4	. 3	.5	. 1	. 1	• 6		2.8	
₩	1.6	1.9	5.8	4.7		4.9	• 2	• 2	.1	1.3	2.3	1.6				-		
No	1.2	1.7	4.3	2.8		4.4	•0	i	.i	1.0	1.2	5	• 1	•0	• 5	• 1	9.0	
VAR	.0	.0	•0	•0		•0	•0						.2	•0	•0	•0	7.3	
CAL	2.1	2.4	1.7	• 6				• 0	•0	•0	•0	• 0	.0	•0	•0	• 0	•0	
TOT PAS		٠.٠		• •		3.6	•0	••	•0	• 2	. 4	• 3	.0	•0	• 1	.0	5.9	
TOT PCT	29.6	24.2	31.4	.4.7	1570	4.2	•1	• 1	.6	5.1	9.4	4.2	.9	• 1		•	79.2	1570

TABLE 7

CUMUI ATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF "EILING HEIGHT (NH )4/8] AND VSBY (NH)

				VSBY (NA	1)			
CEILING	<ul> <li>OR</li> </ul>	= CR	- CR	= OR	• DR	• CR	= OR	= OR
(FEFT:	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ FR >6500	.6	.7	.7	.7	•7	.7	.7	.7
<ul> <li>nk ≥5000</li> </ul>	.7	. 8	.8	. 8	. 8		. 8	i
<ul> <li>□ DR &gt;3500</li> </ul>	1.6	1.6	1.8	1.8	1.8	1.6	1.8	2.5
• CR >2000	5.2	5.8	5.9	5.9	5.7	5.9	5.9	5.9
<ul> <li>PR &gt;1000</li> </ul>	11.6	14.3	15.2	15.2	15.2	15.2		
■ DR >600	14.3	19.0	20.3				15.2	15.2
				20.3	20.3	20.3	20.3	20.4
■ PP >300	14.3	19.3	∠0.7	20.8	20.9	20.9	20.9	20.9
● PR >150	14.3	19.5	20.9	20.9	21.0	21.0	21.0	21.1
■ LK > 0	14.3	19.5	20.9	21.0	21.1	21.1	21.1	21.1

TUTAL NUMBER OF OBS: 1600

PCT FRED NH <5/8: 78.9

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD TOTAL DBS 10.5 18.4 22.4 17.0 10.6 6.7 5.2 3.3 5.9 • 1751

٠	At	L	٠	

								AN	NUAL							
PERIOD: (PRIM. (OVER		913-1973 855-1973						74	BLE 8				ARE	A 0013	SOUTHEAST JAV 6.25 112.9E	A SEA
			P	FRCENT						URRENCI				€ OF		
	VSBY (NM)		٨	NE	£	SE	5	S¥	W	NW	VAR	CALM	PCT	TOTAL DBS		
	<1/2	PCP ND PCP TOT %	.0	•	.0	:	•0	.0 .0	.1	:	.0 .0	•0	:1 :1 :1			
	1/2<1	PCP NO PCP TOT %	•	•¢	.0	.0 .1 .1	•0	•1	•0	•0	.0	• 0	:1 :3 :4			
	1<2	PCP NO PCP TOT \$	.0 .1 .1	.0 .1 .1	.3	.3	• 1 • 1	.2	.1 .1 .2	.0 .1 .1	•0	•1 •1	1.6 1.7			
	2<5	PCP NO PCP TOT %	•	.1	.1 .3 .3	.1 .3 .4	•1	•1 •1 •2	.2 .2 ,4	.1 .1 .2	.0 .0	•0	1.1 1.8			
	\$<10	PCP NO PCP TOT %	1.2 1.3 1.3	2.3 2.5	7.1 7.5	.5 7.6 8.1	3.1 3.5	2 • 1 2 • 5	1.1 3.3 4.4	3.3 4.1	.0	.1 1.1 1.2	4.0 31.1 35.1			
	10+	PCP ND PCP TOT %	2.0 2.0	3.4 3.4	.2 14.0 14.2	.2 16.2 16.4	4.1 4.1	3.7 3.3	7.5 7.8	6.3 6.6	.0	2.9 3.0	1.3 59.6 60.8			
		TOT DES	7.6	6.2	22.5	25.4	7.8	6.3	12.9	11.0	•0	4.2	100.0	5066		

TABLE 9

					T FREQ WITH VA						ED		
VSBY (NH)	SPD KTS	N	NE	E	SE	S	Sh	*	NW	VAR	CALM	PCT	TOTAL
	0-3	.0		•						.0	•	.z	
<1/2	4-10		.1	.1	.2		. 1	.2	.1	.0		.2 .7	
	11-21				•	.0	.0			.0		.1	
	22+	.0	•0	•0		.0	.0	•0	.0	.0			
	TOT \$	•	• 1	• 2	• 2	•1	•1	.3	.1	•0	•	1.1	
	0-3	.0	.0	•0	.0	.0	.0		.0	.0		.i	
1/2<1	4-10		•			.0				.0		.:	
	11-21	.0	.0			•0	*			.0		.1	
	22+	.0	.0	•0	.0	•0		•0	.0	•0			
	TOT %	•	•	•	•	.0	.1	• 1		.0	•	.3	
	0-3	- 1				*		•	•	.0	.1	.3	
1<2	4-10			.1	• 1	. 1	-1	•1		.0		.7	
	11-21	.0		•1	• 1		•		.1	.0		.4	
	22+	•0	.0	• 0	•0	•0	.0	.0		.0			
	TOT %	•1	.1	.3	.3	•1	•2	•2	-1	.0	•1	1.3	
	0-3			•	.1			•		.0	.1	,3	
2<5	4-10		• :	• 2	•2	. 1	• 1	.2	. 2	.0		1.2	
	11-21			.1	. 1		*	. 2	.1	٠,		.6	
	22+	.0	.0					•0		.0			
	TOT %	•1	. 2	.3	• 4	• 2	•2	. 5	. 3	•0	.1	2.2	
	0-3	-1	.3	.3	.4	.2	-1	. 2	. 3	.0	1.0	3.0	
5<10	4-10	.7	1.1	2.7	2.9	1.5	1.1	1.9	1.8	.0		13,6	
	11-21	. 1	. 2	1.6	1.6	. 3	. 5	.9	.7	.0		5.6	
	22+						•	• 1	.1	.0		3	
	TOT %	.9	1.5	4.6	4.9	2.1	1.6	3.1	2.8	.0	1.0	22.5	
	7-3		1.1	1.3	1.3	1.1	1.0	1.4	1.2	.0	4.9	14.0	
10+	4-10	1.5	3.0	11.5	12.2	4.0	2.7	4.8	4.5	.0		44.1	
	11-21	.1	.5	4.2	4.8	1.1	.5	1.7	1.3	.0		14,1	
	22+	. •	.0		. 1		•	. 1	- 1	.0		3	
	TOT %	2-4	4.6	17.0	18.3	0.1	4.2	8.0	7.1	.0	4.9	72.7	
	INT URS												9062
1	OT PCT	3.6	7.4	22.4	24.2	8.5	6.3	12.1	10.4	.0	6.0	100.0	

AMNUAL

PERIOD: (PRIMARY) 1913-1973 (OVER-ALL) 1855-1973

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TABLE 10

AREA 0013 SDUTHEAST JAVA SEA 6.25 112.9E

PERCENT	FREQUENCY	OF CF	ILING	HEIGHTS	(FEET, NH	>4/#1	AND
	er f f in D		- HE NI				

HBUR (GHT)	000 149	150 299	300 599	500 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH C5/8 ANY HGT	TOTAL DBS
00603	.0	.6	1.1	5.8	9.6	4.3	1.4	.3	.6	.3	23.9	76.1	434
06609	.0	.0	.5	4.7	7.5	3.6	.7	.0	.1	•0	19.4	80.6	436
12615	.0	.0	.5	3.8	6.0	3,3	.4	•0	.6	•2	14.8	85.2	407
18621	.3	-0	.3	4.6	8.9	4.2	1.2	.2	.2	.4	20.3	79.7	442
TOT	.1	.1	.5	4.9	8.6	3.7	1.0	•1	.4	.2	19.6	80.4	1719

TARLE 11

TABLE 12

		PERCENT	FREQUEN	CY VSBY	(NM)	BY HOUR		CUMULAT					(MP) YRZV RUCH YRC(	
HÐUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HJUR (GMT)	<150 <50YD	<600 <1	<1000 <b>&lt;5</b>	1000+ AND5+	NH 45/6 AND 5+	TOTAL OBS
00503	.9	.4	1.8	1.5	22.8	72.5	1963	E0300	.0	1.6	9.2	17.1	73.7	408
60390	1.3	.3	1.7	2.7	23.6	70.4	1816	06209	•1	• 6	6.7	13.6	79.5	415
12615	1.0	.4	1.4	2.4	23.0	71.8	3253	12615	•0	.5	6.7	10.0	83.3	376
1062.	.9	.2	1.2	1.8	27.0	68.9	2347	18621	,3	. 5	6.3	16.5	77.1	401
TOT PCT	1.0	.3	1.5	2.1	24.0	71.0	9379 100.0	TOT PCT	.1	.8	7.4	14.3	78.3	1600

TABLE 13

TABLE 14

	PERCI	ENT FRI	EOUENC	Y OF R	ELATIVE	ньиз	DITY B	Y TEMP	70741			PERC	ENT FR	E-UENC	Y 0F W	110 DI	RECTIO	N BY T	EMP.	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT	N	NE	E	SŁ	5	SW	W	NW	VAR	CALM
90/94	.0	.0	.0	.1	.5	.3	. 2	.0		1.0	•		.3	.1	.1	.1	.2	.2	.0	
85/89	.0	.0	.0	• 2	1.0	6.5	2.6	.7		11.8	.4	1.0	3.1	2.2	. 1	. 4		1.7	.0	. 8
80/84	.0	.0	.0	.3	3.2	28.7	35.2	9.4		76.8	3.0	4.1	17.2	20.9	5.4	4.8	9.2	8.5	•0	3.5
75/79	.0	.0	.0	.0	. 2	2,5	4.4	3.1		10.2	. 3	.3	1.4	2.6	1.8	1.4	1.3	1.0	.0	.2
70/74 TOTAL	.0	.0	•0			.0			3289	100.0	.0	.0	•	.0	.0	•	•	.0	.5	.0
PCT	.0	.0	•0	•6	5.7	37.9	42.4	13.3	••••	• • • • • • • • • • • • • • • • • • • •	3.7	5.5	22.1	25.8	8.2	6.7	12.2	11.5	•0	4.5

TABLE 15

	MEANS,	EXTREM	S AND	PERCEN	TILFS	3 <b>P TE</b> M	P (DE	G F) B	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE HL	PTIGIFY	84 4001	t
HOUR (GMT)	MAX	99%	95%	50%	5%	1*	MIH	MEAN	TOTAL	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00603 06609 12615	95 95 92	.90 .86	87 88 84	82 83 82	79 79 79	76 77 77	72 74 72	82.3 83.3 81.8	3152 2876 4805	00£03 06£09 12£15	•0	1.5 1.5	4.6 14.2 3.7	39.5 46.2 36.0	40.0 29.7 45.3	15.5 8.5 14.5	82 77 82	869 752 987
18621	93 95	85 89	83 86	81 92	78 78	76 76	72 72	80.8 82.0	3689 14522	18621 TOT	.0	.5 22	1.8	28.4 1268	54.0 1550	15.3	83 81	950 3538

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PĒRIJOS= (PRIMARY) 1913-1973 (QVĒR-ALL) 1855-1973

TABLE 17

AREA-0013- SOUTHEAST JAVA-SEA-6.25 112.98

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG INSTHUUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	69 72	73 76	77 80	81 84	85 88	89 92	>92	TOT	*DC	#0 F06
11/13	.0	•0	.ò	۰Õ	.0	•	•0	17	.0	•
9/10	.0	•0	.0			.1	<b>.1</b>		•0	.2
7/8	.0	•0	.0	.1	.2	.3	•	24	.0	.6
6	•0	•0	.0	.1		.3	.0	17	.0	:
5	.0	ě٥	.0	.1	•>	.2	•0	35	.0	.•
4	.0	•0		.7	1.5	.2	•0	94		2.4
3	.0	•0	.1	. 6	1.5	.2	.0	102		2.5
2	.0	.0		4.3	2.3	. 2	.0	289	.1	7.1
ī	·ŏ	•0	. •	7,3	1.8	.1	iò	390	.3	9.7
ŏ	ŏ		2.9	20.0	1.0	.i	.0	979	. 6	24.1
-Ĭ	.0	.0	2.6		1.1	.0		555	.3	13.6
-2	•	.2	4.8	14.5	.,	.0		021		19.8
-3	ŏ.		2.1	3,4	.1	.0		228	'.	5.6
-4		.3	2.9	3,3	";	ŏ		260		6.5
-3		.;	1.5	1.0	.0	ŏ	•	116	.õ	2.9
-6 .	:6	.1	6.1		ĕ	ŏ	.ŏ	*36		•:;
-7/-\$				•5				34		:
	•	•3	.5	•1	•0	•0	.0		_	
-9/-10	•	•	-1	•	•0	•0	.0	5	.0	•1
-11/-13 TOTAL	· •	•0	.0	•0	•0	•0	•0	3995	•0	•
PCT	٠ž	1.2	19.3	66.3	11.3	1.6	•1	100.0	1.0	98.2

PERIOD: (DVER-ALL) 1963-1973

TABLE 18

				<b>*</b> C	T FRED (	F WIND	SPEED	(KTS) AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT)		
				N							NE.			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1		.4	•0	.0	.0	.0	4	• 5	.5	.0	.0	.0	.0	7
1-2	.3	. ,	• 1	.,	.0	•0	1.3	.1	2.0	.1	.0	.0	.0	2.1
3-4	ō	.2	.0	.0	.0	.0	•2	.0	.4	.0	.0	.0	.0	.4
5-6	.0	.0	•1	.0	.0	•0	•1	.0	.0	.2	.0	.0	.0	.2
7	.0	•0	.0	.0	.0	•0	•0	•0	•0	.0	.0	•0	.0	.0
8-9	.0	.0	•0	.0	.0	•0	.0	•0	•0	.0	.0	•0	•0	•0
10-11	.0	.0	•0	.0	•0	•0	•0	•0	•0	•0	.0	•0	•0	.0
12	.0	.0	•0	•0	•0	-0	•0	•0	•0	.0	•0	•0	•0	.0
13-16	.0	.0	•0	-0	• • • •	•0	•0	.0	•0	•0	•0	•0	•0	•0
17-19	.0	0	• 0	-0	•0	.0	•0	• 0	•0	•0	•0	•0	•0	•0
20-22	.0	٠,	•0	.0	•0	•0	•0	•o	•0	.0	•0	•0	.0	•0
23-25	.0	.0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•8	.0	•0
26-32	٠.	.0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0
33-40	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
41-48	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	٥.	•0	•0
49-60	٠.٥	٥.	•0	.0	•0	•0	•0	•0	•0	.0	.0	•0	.0	.0
61-70	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
71-86	۰.	•0	•0	•0	••	•0	•0	•0	•0	•0	•0	•0	.0	
87+	.0	.0	•0	•0	•0	•0	2.0	•2	2.9	•0	•0	•0	.0	.0 3.3
TOT PCT	.,	1.5	•2	•0	•0	••	2.0	••	217	••	•0	•0	••	,.,
				£					4.10		SE 22-33		40.	
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21		34-47	48+	PCT
<1	.1	1.4	• ?	.0	•0	•0	1.7	• 6	1.5	1	•0	•0	•0	2.2 13.9 10.2 4.9
1-2	• 4	9.2	3.2	.0	•0	.0	12.7	••	7.3	4.2	•0	•0	•0	13.7
3-4	•0	2.0	5.2	.0	•0	•0	7.2 2.6	•0	-:5	7.3	.1 .2	•0	.0	10.5
5-6 7	:1	.3	2.2	•0	•0	.0	2.0	.0		7.7	::	•0	:0	7;;
8-9	:0	.0	i	.0	.0	.ö	::	.0	ŏ	ő	ä	.0		- :;
10-11	:0			.0	·ŏ		:0		ō	ŏ		.0		
12	:	:0	•0	ŏ	.0		.0	ŏ	.0	.0			.ŏ	
13-1	٠		.0	ö	.0	.0			.0					
17-19	ō	.ŏ	•0	.0	,0		ŏ		iŏ			•0		.0
20-22	ŏ	.0	•0		.0	.0	•0		.0	.0	.0	•0	.0	.0
23-25	.õ	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	. G	.0
26-32	ō	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	.0	.0
33-40	.õ	.0	•0		.0	.0	.0		.0	.0	.0	.0	.0	.0
41-48	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
49-40	. 0	.0	.0	.ŭ	, ò	•0	.0	.0	•0	.0	.0	•0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	•0	•0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0		•0	.0	.0	•0	•0	.0
87+	.0	.0	•0	.0	.0	.0	.0	•0	.0	.0	•0	•0	•0	.0
TOT PET	.5	12.9	11.2	•0	.0	.0	24.6	1.0	14.1	16.4	.5	•0	.0	32.1

PERIODI	tous	P-4113	1942-1	972					ANNUĀĻ				ARFA	0018	<u><u><u> </u></u></u>	ABE AVAL TE
<b>PENTUR</b>	· UVE		1703-1					TABLE	18 (CONT)						25 112	
				PČ	T FREG S	F WIND	SPEED	(KTS)	AND GIREC	TION 1	VERSUS S	EA HEIG	HTS (FT)	)		
Tan	1-3	4=10	11-21	S 22-33	34-47	48+	PCT		1-3	4=10	11 <b>-</b> 21	SW 22-33	34-47	44+	PCT	
<1	1-3	.1	.0	.0	.0	7.0	5		•••	.2		.0	34-40		.2	
1-6	.;	1.6			Š		2.5		, 5	1.6			, ŏ	.ŏ	2.1	
3-4		•••	.;		.0	.0	3.6		.0	.2	.,	.0	.0	,ö	4	
5-6	ŏ	.1	.,	.0	.0	.0			.0	.2	.0	.0	.0	.0	.2	
7	.0	.0	.0	.0	.0	.0	•0		.0		.0	.2	•0	.0	.2	
8-9	.0	.0	•0	.0	.0	.0	•0		.0	•0	.0	٠Ô	•0	.0	.0	
10-11	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	•0	٥٠	.0	•0	
12	.0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0	
13-16	.0	.0	•0	٠٥.	.0	.0	•0		•0	•0		•0	•0	•0	•0	
17-19	•0	.0	•6	.0	•0	• •	•0		•0	.0		•0	•0	.0	•0	
20-22	•0	.0	•0	.0	.0	•0	•0		•0	•0		•0	•0	.0	•0	
23-25	.0	.0	•0	.0	•0	•0	•0		•0	•0		•0	•0	.0	•0	
26-32	•0	.0	•0	.0	•0	•0	•0		•0	.0		•0	•0	.0	•0	
33-40	•0	.0	•0	.0	.0	.0	•0		.0			•0	.0	.0	•0	
41-48	.0	.0	.0	:0	.0	.0	.0		ěŏ	.0		.0	.0	ö	.0	
\$1-70	ě		•0	:0	.0				ěŏ	ŏ				.0	.0	
71-56	.0	.0	.0		.ö		.0		ě	iŏ				.0	.0	
87+			.0	ě	.0	3.	.0		ŏ	ŏ			.0	Ĭ	•0	
TOT PCT	.7	1.9	1.1	.0	iõ		3.7		.5	2.2	.2	.2	.0	.õ	3.1	
																_
				W								MM	- · · -			TOTAL
HGT	1-3	4-10	11-21		34-47	41+	PCT		1-9	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	.5	1-1	•0	••	•0	•0	1.6		?	• • •		•0	•0	.0	1.2	
1-2	3	4.7	1.5	•0	•0	• • •			170	2,3	1.2	•0	•0	.0	4.5	
3-4	•0	.•	3.2	:3	.0	.0	4.5		.0	.9		٠0	•0	.0	2.7	
5-6 7	.0	.0	1.1	:0	.0	.0	••••		.0			:0	.0		~~	
4-7	:0	:0	ż		.0		.;		ě	ŏ		•		ö	.2	
10-11					. 5	.0	•0		.0	ó		•ŏ		.0	.2	
12	.0		ñ		.0	.0	•0		ò	ñ		.0	•0	.0		
13-16	.0	.0	•0	.0	.0	.0			.0	.0		•0	•0	.0	.0	
17-19	.0	.0	•0	.0	.0	.0	•0		.0	.0		.0	•0	.0	.0	
20-22	.0	.0	.0	.0	·e	.0	•0	)	.0	.0	.0	•0	•0	.0	.0	
23-25	.0	.0	•0	.0	.0	.0	.0	)	.0	.0		.0	•0	.0		
26-32	.0	•0	.0	•0	.0	•0	•0		.0	.0		٠0	•0	.0		
33-40	.0	.0	:	.0	.0	.0	•0		•0	•0		•0	•0	.0		
41-48	.0	.0	•0	•0	.0	•0	•0		•0	•0		•0	•0	.0		
49-60	•0	.0	•0	•0	•0	•0	.0		•0	•0		•0	•0	.0		
61-70	•0	.0	•0	•0	•0	•0	•0		•0	•0		.0	•0	•0		
71-66	.0	•0	•0	.0	•0	•0	• •		•0	•0		.0	•0	.0		
87+	•0	0	•0		•0	•0	14.1		.0	4.0		•0		.0		92.9
TOT PCT	.7	6.7	5.1	.7	.0	.0	1903	,	1.z	4.2	. 5.7		- 4	.0	7.8	76.7

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	WIND	SPEED	(KTS)	VS SEA	MEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-83	34-47	48+	PCT	TOT
<1 1-2	9.3 3.4	6.1 31.4	10.	.0	.0	.0	15.8	094
3-4	.0	7.4	17.8		.0	.0	29.7	
5-6	-1	1.2	1.1	. 4	.0	.0	10.5	
7	.Õ	•0	1.2		.0	.0	1.5	
8-9	.0	•0	. z	.2		.0	.7	
10-11	.0	.0	.0	.0		.0	.2	
12	•0	•0	•0	.0		.0	.0	
13-14	.0	•0	.0	.0		.0	.0	
17-19	.0	.0	.0	.0		.0	.9.	
20-22	.0	•0	.0	.0		.0	.0	
23-25	.0	•0	.0	.0		٠0	.0	
76-32	.0	•0	.0	.0		.0	.0	
33-40	•0	•0	.0	.0		.0	.0	
41-48	.0	•0	.0	.0		.0	.0	
47-60	•0	•0	.0	.0			.0	
<b>61-70</b>	.0	•0	.0	.0		.0	•0	
71-86	.0	•0	•0	.0		.0	.0	
87+	.0	•0	.0	.0	.0	.0	.0	
<b>TOT PCT</b>	12.8	46.1	39.3	1.4	.4	.0	100.0	1025

PERIOD: (DVER-ALL) 1950-1970 61-70 71-86 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 \$7+ .0 .0 .0 .0 .0 .0 TOTAL 1037 222 25 11 5 173 1474 100.0 5-8 4.3 4.8 .1 .1 .1 0.3 .0 .0 .0 .0 .0 8.9 20.3 1.6 31.1 1.5 .2 .7 .0 1.6 .04.000.00 .0 .00000000 0000000 ...... ...... . . . . . . . . ...... ...... .0000000

AREA	0013	SDUTHEAST JA	AW SEW
		A 40. 114 AE.	

PERTUDI	(PRIMARY)	1913-1973
	(BVER-ALL)	1855-1973

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	ш		20

			PERCE	NT FRE	OUENCY	OF OC	CURREN	CE DF	SEA TE	HP (DE	G F) 8	THUN Y	н	
DL THE	HAC	BEN	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	PCT
76+	.0	.0	.0	•0	.0	•0	.0	•0	•0	•0	.0	•0	0	.0
95/96	•0	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	Q	•0
93/94	•0	•0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	0	•0
91/92	•0	.0	•0	•0	•0	•0	• •	•0	•0	•0	•0	•0		.0
19/90	•1	.2	• 2	. • 4		•1	•0	•0	•1	0	.0	. • 7	25	. • 3
47/88	1.9		2.6	3.5	1.6		.3	•1	. • 1	1.6	3.1	•••	215	1.0
65/86	11.7	10.7	14.5	23.1	18.3	7.8	1.0	3	1.7	6.5	23.1	21.1	1473	11.7
83/84	34.0	34.7	34.4	49.0	49.0	37.7	12.1	5.9	9.3	33.2	51.4	43.7	4258	32.2
01/82	42.9	43.5	39.2	20.9	25.9	44.4	21.5	51.8 34.6	30.8	49.8	19.7	23.3	5358 1595	12.1
79/8u 77/78	1.0	1,2	5.9	2.7	3.0	1.0	3.1	4.1	3.3	• • • •	·.2	";	225	1.5
75/76	.0	`.ž	••0	.2	:3	3	7;	1.2	3.4		:2	.0	45	
73/74	.0		.0	.0	:2		ž	.0	ō	.0	ō	ě	7	- :
71/72	ň		.0	.0		::		ŭ	· .ö	•0	ò	.0	ĭ	- 1
69/70		.è	.0	.0	.0	.0	.0	.0	·ò	•0	ŏ	.0	ŏ	
67/68	.0	Ö	.0	.ŭ	ŏ	ŏ	.0	Ö	.0	.0	.0	.0	ŏ	
45/66	.0	ō	.0	.6	ŏ	.0	. 0	Ü	.0	.0	ò	.0	ŏ	
43/64	.0	.0	Ü	.0	'n	.0	.0	.0	.0	•0	.0	.0	0	
61/62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	Ö	•
99/60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.(
57/58	•0	.0	.0	.0	.0	.0	•0	.0	•0	•0	.0	•0	٥	• (
35/56	•0	.0	.0	.0	•0	•0	•0	.0	.0	•0	•0	.0	0	•(
93/54	•0	.0	.0	.0	.0	•0	•0	•0	•0	•0	•0	•0	Ō	• (
51/52	•0	•0	•0	•C	.0	•0	•0	.0	.0	•0	•6	•0	0	•6
49/50	•0	•0	•0	•0	.0	•0	•0	.0	•0	•0	•0	•0	0	• (
47/4R	•0	.0	•0	•C	.0	•0	•0	.0	•0	•0	•0	•0	0	• (
45/46	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	0	•
43/44	•0	.0	•0	•0	•0	•0	•0	•6	•0	•0	•0	•0	Ö	• 9
41/42 39/40	•0	.0	•0	•0	.0	•0	•0	•0	•0	•0	.0	•0	ŏ	• !
37/40			•0	•0		•0	.0	.0	•0	•0	.0	•0	ŏ	•(
35/36	•0	.0	•0	•0	•0	•0	ñ	.0	.0	.0	.0	٠٥	ŏ	
33/34	•0	:0	.0	.0	:0	.0		ě	.0	.5	ě	ŏ	ŏ	
31/32	•0	:0	.0	.0	.0	.0	٥	.ŏ	.0	•0	:0		ŏ	
29/30	.0	.0	.0	·Ú		.0	.0		•0	.0			ŏ	
27/20	.0	ĕ	.0	.0	.5		.0	.0	.0	.0	.0	ŏ	ŏ	
<27	.0	ŏ	.0		.0	.0	ŏ		.0	•0	.0	.0	ŏ	
TOTAL	1234	1222	1114	1172	1200	1086	1200	1285	1070	1005	1102	451	13201	100-
HEAN	82.6	82.4	12.8	83.6	63.2	82.4	81.2	80.6	\$1.0	12.3	83.6	83.6	82.4	

TABLE 21

-	(633	VPE	(78)
GE		HOUSE	/ GH1

							•			TOTAL
MG	0000	0300	0600	0900	1200	1900	1800	2100	MEAN	005
JAN	1011	1010	1009	1008	1010	1009	1009	1008	1009	555
FER	1010	1010	1009	1008	1009	1010	1009	1009	1009	553
MAR	1010	1010	1009	1008	1010	1009	1009	1008	1009	519
APR	1010	1009	1009	1008	1009	1010	1009	1009	1009	443
MAY	1009	1009	1008	1009	1009	1010	1009	1009	1009	578
JUN	1010	1010	1009	1009	1010	1010	1010	1010	1010	516
JUL	1012	1011	1010	1009	1010	1011	1011	1010	1010	449
AUG	1011	1011	1010	1009	1010	1011	1011	1010	1010	481
SEP	1012	1011	1011	1069	1010	1010	1010	1010	1010	360
DCT	1011	1011	1009	1009	1010	1010	1010	1010	1010	435
NOV	1011	1009	1009	1008	1009	1010	1009	1069	1009	392
	1010	1007	1009	1007	1009	1009	1009	1006	1009	352
DEC										
ANN	1011	1010	1009	1008	1010	1010	1010	1009	1010	5633
Das	<b>8</b> 10	506	634	658	924	681	709	705		

#### 958CENTTLES

MŪ	MIM	1%	51	25%	50⊈	75%	95%	99%	MAX
JAN	1002	1003	1006	1008	1009	1011	1013	1013	1014
FER	1004	1005	1004	1008	1009	101	1013	1014	1015
MAR	1003	1004	1006	1008	1009	1910	1012	1013	1014
APR	1003	1004	1005	1008	1009	1010	1013	1014	1015
MAY	1003	1004	1005	1007	1009	1010	1013	1014	1015
JUN	1004	1004	1006	1008	1010	1011	1012	1014	1015
JUL	1004	1006	1008	1009	1010	1011	1013	1014	1015
AUG	1005	1004	1008	1009	1010	1011	1014	1015	1016
SEP	1004	1005	1006	1009	1010	1012	1014	1015	1017
DET	1005	1006	1007	1009	1010	1011	1014	1014	1016
NOV	1005	1005	1004	1008	1009	1010	1012	1014	1015
BEC	1003	1005	1005	1007	1004	1010	1012	1013	1015

JANUARY

PERIOD: (PRIMARY) 1917-1969 (OVER-ALL) 1859-1969

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TABLE 1

AREA 0014 NORTHEAST JAVA SEA 4.78 114.1E

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PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

PRECIPITATION TYPE																
WND DIR	RAIN	RAIN SHUR	BATL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR	FBG MO PCPN	FOG WO PCPN PAST HR	SHOKE HAZE	SPR BLWG I BLWG I	DUST	
N NE E SE Sh H Nh Var Calh	28.0 .0 .0 .0 5.6 6.2 7.0 .0 7.1	.0 .0 .0 .0 1.4 4.7 3.5	.0 .0 .0 .0 .0 2.5	.0	•••••••	000000000000000000000000000000000000000		28.0 .0 .0 .0 6.9 13.4 11.1	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0	23.5	.0	.00000000000000000000000000000000000000	.0 .0 .0 .0 .0		000000000000000000000000000000000000000	72.0 100.0 76.5 71.4 100.0 93.1 75.7 80.7
TOT PCT TOT CBS:	6.7	3.0	1.2	.0	•0	.0	•0	10.9	3.0	5.5	••	.0	•6		•0	79.4

TABLE 2

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

				RECIPI	TATIŌ	N TYPĒ			OTHER WEATHER PHENOMENA							
HOUR (GMT)	RAIN	RAIN SHWR	ORTL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR	FOG NO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	NO SIG WEA	
00£03 06£09 12£15 18£21	8.0 4.1 5.9 8.8	2.0 .0	.0 2.9 2.9	•0	.0		.0 .0	16.0 6.1 8.8 11.8	6.0 2.0 2.9	20.0 5.9	2.0 .0 .0	.0	.0 2.9	•0	78.0 89.8 64.7 82.4	
TOT PCT	6.6	3.0	1.2	.0	•0	•0	•0	10.8	3.0	5.4	•6	•0	••	•0	79.6	

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			22-33 3		48+	TOTAL DBS	PCT FREQ	HĒAN SPD	00	03	06	HOUR 09	(GMT) 12	15	18	21
N NE E SE S SW W W VAR CALM TOT UBS TOT PCT	.7 .6 1.6 .1 .0 1.2 3.0 1.4 .0 9.0 83	3.2 1.2 1.4 1.0 .8 4.4 21.6 16.0 .0	.3 .0 .2 .0 .0 2.2 17.6 9.1 .0	.1 .0 .0 .0 .1 .2 1.9 .0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	468	4.3 1.8 3.3 1.1 .9 8.0 44.2 27.4 .0 9.0	6.5 4.4 4.2 4.9 8.0 9.1 10.4 9.9	4.9 1.2 1.9 3.4 .9 7.1 38.3 31.2 .0 11.1	2.5 3.7 .0 2.5 8.0 40.7 30.9 .0 .9	2.2 .7.6 39.0 34.6 5.9 34	5.6 4.9 2.8 .0 7.0 23.9 7.0 71 100.0	.0 4.8 3.2 .0 4.9 54.8 23.8 -0 4.5	2.1 2.1 4.3 .0 11.7 47.9 14.9 17.0 17.0	5.0 .0 .0 .0 .0 45.0 24.0 10.0	6.7 1.5 4.5 .0 1.5 6.0 39.6 31.3 .0 9.0 67

APUARY

							JARUAR	•				
PERIOD: (PRÎMARY) (Over-all)	1917-196 1859-196						TARLE	•			ARÊA (	0014 NDRTHEAST JAVA SEA 4.75 114.1E
			PER	CENTAGE	FREQUE	ENCY OF	WIND S	PEED AV	HOUR	(GHT)		
	HOUR	CALM	1-3	4-10	WIND 11-21	SPEED 22-33	(KNDTS) 34-47	48+	MEAN	PCT FREQ	TOTAL DBS	
	00603 06609 12615 18621 TOT #CT	0.7 11.0 10.9 42	8.6 7.6 11.9 6.5 41	53.7 44.8 45.9 52.2 232 49.0	28.4 35.2 27.5 27.2 138 29.5	1.2 5.7 3.7 3.3 19		0		100.0 100.0 100.0 100.0	162 105 109 92 468	

			7	APLE 5								7,	IBLE 6					
	PCT FRE			CIQUD A D DIREC		(EIGHTHS) MEAN		1					NH <5/					
NIC CHW	0-2	3-4	5-7	8 & 085CD	TOTAL CBS	COVER	000 149	150 290	300 599	600 <b>999</b>	1000 1999	2000 3499	3500 4999	5000 6499	0500 7 <b>99</b> 9	<b>8</b> 000+	NH <5/8	
N NE	.0 .0	•0	•0	••		••0	•0	•0	.9	.0	•0	•0	:0	•0	•0	.0	.0	
E SE	1.5	1.2	1.5	• 0		1.7 5.3	•0	•0	0	1.2	1.2	•0	.0	•0	•0	.0	2.1	
E SE Sh	.0	3.7	5.2			7.0 6.0	•0	•0	.0	.0	2.7	1.2	:0	•0	•0	•0		
W NH VAR	7.1 3.0	3.7	16.5	4.6		5.6 5.9 .0	•0	•0	1.5	1.2	3.0 2.7	•3	.0	•0	•0 •0	•0	22.9	
CALM TOT DES TOT PCT	1.2 13 15.9	3.7 11 13.4	3.7 37 45.1		#Z 100-0	5.1 5.6	•0	•0 n	3	1.2 3	1.2	•0 2 2•4	.0	•0	•0	•0	8.5	₩2 100•0

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (MM 34/8) AND VSBY (MM)

AND ENDER OF THE PROPERTY OF T

				VSBY (NH	1)			
CEILING	• OR	• DR	· CR	= DR	a DR	• OR	• DR	- OR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
= CR >6500	.0	•0	.0	.ō	.0	.0	•0	.0
■ PP >5000	.0	•0	•0	.0	.0	.0	•0	•0
e PR >3500	0	•0	•0	.0	•0	0	•0	•0
■ FR >2000	3.6	3.6	3.6	3.6	3.0	3.6	3.5	3.6
■ PR >1000	8.4	12.0	14.5	14.5	14.5	14.5	14.5	14.5
■ FIR >600	9.6	15.7	15.1	18.1	18.1	18.1	18.1	18.1
■ PR >300	10.6	19.3	21.7	21.7	21.7	21.7	21.7	21.7
■ DR >150	10.8	19.3	21.7	21.7	21.7	21.7	21.7	21.7
• DR > 0	10.6	19.3	21.7	21.7	21.7	21.7	21.7	21.7
TOTAL	•	16	18	18	18	18	18	18

TOTAL NUMBER OF DBS: 83 PCT FRED NH <5/81 78.

TABLE 7A
PERCENTAGE PREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 dBSCD 085 2.4 15.3 21.2 18.8 18.0 10.6 3.5 2.4 7.1 .0 85

JANUARY

PERIOD: (PRIMARY) 1917-1969 (OVER-ALL) 1859-1969

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TABLE 8

AFEA 0014 NORTHEAST JAVA SEA 4.75 114.1E

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		P	ERCENT						URRENC			CURRENC TY	E OF
VSBY		N	NE	E	SE	s	Sv	w	NK	VAR	CALM	PCT	TOTAL CAS
	PCP	.3	.0	.0	.0	.0	• 0	.0	.3	.0	.0	.6	
<1/2	NO PCP	.0	.0	.0	.0	•0	•0	.,	.9	.0	.0	1.8	
	TOT \$	.3	.0	•0	.c	•0	•0	.9	1.2	•0	•0	2.4	
	PCP	.0	.0	.0	.0	•0	.0	.6	•0	.0	.0	.4	
1/2<1	NO PCP	.c	.0	.0	.0	.0	•0	.6	•0	.0	.0		
	TOT \$	.0	.0	.0	•0	•0	•0	1.2	•0	.0	•0	1.2	
	PCP	.0	.0	•0	•0	•0	•0	.6	•0	.0	.0	.6	
1<2	NO PCP	.c	.0	.0	.0	•0	•0	.0	•0	.0	.0	.0	
	TOT %	•0	•0	•0	•0	•0	•0	.6	•0	•0	+0		
	PCP	•0	.0	.0	.0	.0		.•	.9	.0	.0	2.4	
2<5	NO PCP	.0	.0	.0	.0	.0	• 0	.0	.0	.0	.0	٠.	
	TOT \$	•0	•0	•0	•0	•0	• 6	•	.9	•0	•0	2.4	
	PCP		.0	.0	.0	.0	•2	2.3	1.7	.0	.6	5.5	
5<10	NO PCP	2.4	. 6	.0	.0	•0	.9	6.2	5.6	.0		10.4	
	TOT %	3.2	.6	•0	•0	•0	1-1	3.5	7.3	•0	1.2	21.8	
	PCP	.0	.0	•0	ě0	•0	•0	1.2	.0	.0	.0	1.2	
10+	ND PCP	.3	2.1	2.6	2.1	1.7	9.2	29.5	16.5	.0	7.3	70.3	
	TOT %	.3	2.1	2.6	2.1	1.7	9.2	29.7	16.5	•0	7.3		
	TOT DAS	_											165
	TOT PCT	3.8	2.7	2.6	2.1	1.7	10.9	41.8	25.9	.0	8.5	100.0	

			•						VS WI		ED		
VSBY (4H)	SPD KTS	N	NE	£	SE	S	SH	W	NW	VAR	CALM	PCT	TOTAL DOS
	0-3	.0	.0	.8	.0	.0	.2	. 2	.0	.0	.0	.3	
<1/2	4-10	.2	.2	.0	.0	, o	.3	.7	.3	.ō	•••	1.7	
	11-21	.2	.0	.0	.0	.0	.0	.3	.5	.0		1.0	
	22+	.0	.0	.0	•0	•0	.0	.0	•0	.0		.0	
	TOT #	.3	•2	.0	•0	•0	.5	1.2	.9	•0	•0	3,1	
	0-3	.0	-0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	•0	•0	•0	•0	.0	.0	.3	٠٥.	.0		.3	
	11-21	.0	.0	.0	•0	•0	.0	.3	•0	.0		.3	
	<b>22</b> +	.0	•0	•0	.0	•0	٠.	.0	.0	.0		.0	
	TOT \$	•0	•0	.0	•0	•0	.0	.7	•0	.0	•0	.7	
	0-3	.0	.0	.0	•0	.0	.0	.0	.0	ن.	•0	.0	
1<2	4-10	.0	•0	.0	.0	.0	.0	.3	.3	.0		.7	
	11-21	.0	.0	.0	.0	.0	.0	.3	.0	.0		.,3	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	•0	.0	•0	.0	.0	.7	.3	.0	•0	1.0	
	0-3	.0	•0	.0	•0	.0	.0	.0	.0	.0	•0	.0	
2<5	4-10	.3	•0	.0	.0	•0	.0	.3	.7	.0		1.4	
	11-21	.0	•0	.0	•0	.0	.3	1.5	.•	.0		2.7	
	22+	.0	•0	•0	.0	•0	.0	.0	.0	.0		.0	
	101 \$	.3	•0	••	•0	•0	.3	1.9	1.5	•0	•0	4.1	
	0-3	.7	.2	.0	.0	.0	.0	.3	.3	.0	.7	2.0	
5<10	4-10	1.3	.2	•0	•0	•0	.2	2.0	2.6	•0		4,5	
	11-21	.0	.0	.0	.0	.0	.4	1.7	2.3	.0		4.4	
	<b>22</b> +	•0	.0	•0	•0	.0	.0	.7	.0	.0		.7	
	TOT %	2.0	.3	•0	•0	•0	•	5.3	5.1	•0	•7	14.0	
	0-3	.3	.7	.0	•0	.0	.5	2.7	1.5	.0	8.2	14.0	
10+	4-10	1.9	1.0	1.1	1.5	••	4.9	17.0	14.1	.0		43.0	
	11-51	• 2	•0	.3	•0	•0	1.0	11.1	5.1	.0		17.7	
	55+	.2	.0	.0	•0	.2	.3	1.2	5	•0		2.4	
	TOT %	2.6	1.7	1.5	1.5	1.1	6.7	32.0	21.2	.0	1.5	77.1	
	TOT DOS	5.2	2.2	1.5	1.5	1.1	8.2	42.3	29.1	.0	1.7	100.0	273

								JĀŅŪ	JÁRY						
	PRIMARY) 1917-1 IVER-ALL) 1839-1							TABLE	1Ō			AT	EA 0014	NORTHEAS 4.75 114	T JAVA SEA
				PĒR	CENT F				IG HEIG NH <5/			>4/8) /	ND		
	HÖUR (GHT)	000 149	190 299	300 500	900 999	1000 1999	2000 3499	9500 4999	5000 6499	4500 7999	8000+	TOTAL	NH <5/8		
•	60300	.0	.0	4.2	1.3	20.8	•0	٠Ö	.0	.0	•0	33.3	44.7	24	
	0360	.0	.0	4.2	•0	8.3	1.3	.0	.0	.0	•0	20.8	79.2	24	
	12615	.0	.0	•0	•0	5.3	5.3	.0	.0	۰.0	•0	10.5	89.5	19	
	18621	.0	.0	6.3	•.3	4.3	ē0	.0	.0	.0	•0	18.8	81.5	10	

TOT OCT

			T	BLE 1	1						TABLE	12		
		PERCENT	FREQUENCY	, vs.	(NM)	BY HOUR		CUMULAT	IVE PCT	FREQ IG HGT	OF RAN (FEET)	IGES OF NH >4/8	VSBY (NM) RUCH YB.(	AND/OR
HOUR (GMT)	<1/2	1/2<1	145	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <3/8 AND 5+	TOTAL Des
00603	3,8	.9	1.9	3.8	15.1	74.5	106	£0300	•0	4.2	10.7	16.7	66.7	24
<b>P</b> 0360	4.5	1.5	1.5	6.0	9.0	77.6	67	<b>9</b> 0360	.0	4.2	8,3	12.5	79.2	24
12615	1.7	.0	•0	3.3	15.0	80.0	●0	12615	•0	.0	.0	10.5	89.5	10
18621	1.6	.0	•0	3.2	16.1	79.0	62	18621	.0	6.3	12.5	4.3	01.3	16
TOT PCT	3.1	.7	3 1.0	12 4.1	41 13,9	228 77.3	295 100.0	TOT PCT	.0	3.6	,,	10 12.0	78.3	100.0

				1	ABLF 1	3									TABLE	14			
	PERC	ENT FI	EQUENC	Y 0F F	RELATIV	E HUMII	DITY B	Y TEMP				PER	CENT FR	EQUENCY	OF WI	ND DIRE	CTION B	Y TEMP	
TSHP F	0-29	30-39	40-49	50-59	40-69	70-79	80-89	90-100	TOTAL	PREQ	N	NE	E	SF	S	SW	W	NW YAR	CALM
90/94 85/89	.0	•		• •	1.2	4.5	2.5	•0	.7	1.2	•0 •0		1.2	.0 .0 1.5	.0	.0 .0		.3 .0	.0
80/84 75/79 TOTAL	•0	1	, ,	) •(	.0	2,5 28	9.9 43	2.5 6.2 7	58 15 81	71.6 18.5 100.0	,9	•0		1.5	.0	1.9	7.1 4	.9 .0	1.2
PCT	•0	• •	•	• • •	3.7	34.6	53.1	8.6			.9	•0	2.2	3.1	.•	10.5 4	2.0 30		9.9
				TAI	<b>NLE 15</b>										TABLE	16			
	EANS, E	ZTREM	ES AND	PERCE	NTILES	OF TEN	P (DEG	F) 8Y	HOUR			PERC	ENT FRE	QUENCY	OF REL	ATIVE !	*UHIDIT	4 BA HON	t
HOUR (GMT)	HAX	998	95%	50%	51	1\$	MIN		DTAL DBS		HOUR (GHT)	0-29	30-59	60-69	70-79	80-81	90-100		TOTAL
00£03 06£09 12£15	92 95 87	8 8 9 4 8 5	86 87 85	82 82 82	77 77 79	74 75 75	75	\$1.8 \$2.2 \$1.7	161 103 109		00803 00809 12815	•0	•0	9.1 5.3	29.2 54.5 21.1	36.4	• •(	77 8 81	24 22 19 16
18621		14	83	81	żż	76	76	61.2	92		18821	.0		.0	31.3				16

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PERIOD: (PRIMARY) 1917-1969 (OVER-ALL) 1859-1969

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TABLE 17

AREA 0014 NORTHEAST JAVA SEA 4.75 114.1E

Ù

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	85	.,	TOT	W	¥0
THP DIF	76	80	84	80	92		FOG	FDG
9/10	.0	•0	.0	.6	.0	1	•0	
5	.0	.0	٠0	•0	. 6	1	•0	
	.0	.0	.0	1.3	.0	Ž	.0	1.3
;	.0	.0	.o	.6	.0	ī	•0	
ž	.0	.0	6.3	2.5	.0	14	.0	1.0
ī	.0	•0	4.9	1.3	.o	13		7.5
0		1.9				jį	•0	23.8
-1		2.5	7.5	.0			.0	10.0
						16		
-Z	1.9	4.4	18.1	.6	•0	40	•0	25.0
-3	.0	1.3	2.5	.0	.0	•	•0	3.8
-2 -3 -4 -5	.0	7.5	5.0	.0	.0	20	• 0	12.5
-\$	.ŏ	1.3	.0	.0	.0	2	•0	1.3
-6		2.5	.0	.0	.0	Š	•0	3.1
-7/-8		0	.0	Ď	.0	ĭ	.0	6
****	• • • • • • • • • • • • • • • • • • • •	•••		••	ï	•		159
TOTAL	7		108		•		ı	124
		34		12		160		
PCT	3.1	21.3	47.5	7.5		100.0	- 4	99.6

PERIOD: (OVER-ALL) 1963-1969

,一个人,我们就是这个人,我们也不是一个人,我们就是这个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们 第一个人,我们就是这一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们

				₽0	T FREG OF	MIND	SPEED	(KTS) AND DIR	ECTION V	ERSUS S	EA HEIG	HTS (FT)		
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT	1-3	4=10	11-21	NE 22-33	34-47	48+	PCT
<1	.0	.0	•0	.0	.0	•0	•0	•0	•0	•9	•0	•0	.0	•0
1-2	•0	1.3	•0	.0	.0	.0	1.3	•0	•0	.0	.0	•0	.0	•0
3-4	.0	.0	•0	.0	.0	.0	•0	•0		.0	•0	•0	.0	•0
5-6	.0	.0	•0	.0	•0	.0	•0	•0	.0	.0	.0	•0	.0	•0
7	.0	.0	•0	•0	.0	.0	•0	•0	.0	•0	-0	•0	.0	•0
8-9	.0	.0	•0	.0	.0	.0	•0	•0	.0	•0	•0	•0	• 6	•0
10-11	.0	.0	•0	.0	.0	•0	•0	•0	.0	.0	-0	•0	.0	•0
12	.0	.0	•0	.0	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0
13-16	.0	.0	•0	.0	•0	•0	•0	•0	.0	•0	•0	•0	.0	•0
17-19	.0	.0	•0	.0	.0	.0	•0	•0	•0	•0	•0	•0	.0	•0
20-22	.0	.0	•0	.0	•0	.0	•0	•0	•0	.0	•0	•0	.0	•0
23-25	.0	.0	•0	•0	.0	•0	•0	•0	.0	.0	•0	•0	.0	•0
26-32	٠.	.0	•0	.0	.0	•0	.0	•0	•0	.0	•0	•0	•0	•0
33-40	.0	.0	•0	•0	•0	•0	• 5	•0		•0	•0	•0	•0	•0
41-48	.0	.0	•0	.0	•0	.0	•0	• 0		.0	•0	•0	.0	.0
49-60	.0	.0	•0	.0	•0	•0	•0	•0	•0	.0	.0	•0	.0	•0
61-70	.0	.0	•0	.0	•0	•0	.0	٥٠	•0	.0	•0	•0	.0	•0
71-86	.0	.0	•0	.0	.0	.0	.0	•0	.0	.0	•0	•0	•0	.0
87+	٥.	.0	•0	.0	•0	•0	0	•0	•0	.0	.0	•0	•0	•0
TOT PCT	.0	1.3	•0	.0	.0	•0	1.3	•0	•0	•0	•0	•0	.0	•0
HGT	1-5	4-10	11-21	£ 22-33	34-47	48+	PCT	1-3	4-10	11-21	SE 22-33	34-47	41+	PCT
<1		.0	•0	.0		•••		•.0	.0		.0	•0		
1-2			•0		٠	.ŏ		.0		:				:4
3-4		ö	1.7	ŏ	ĕ		1.7	ŏ	ō	ö	::		ö	
5-6	.0	1.3			ŏ		1.3	ŏ	2.1		:	ĕ	:ŏ	2.1
7	.o		• 6		.0	.0	•0	ō	.5				.0	6
1-9	. o	.0	•0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
10-11	.0	.0	•0	.0	Ö	.0	.0	.0	.0	.0	.0	.0	ě	•0
12	.0	.0	.0	.0	.0	•0	.0	.0		.0	.0	•0	ŏ	•0
13-16	.0	.0	.0	.0	'n	.0	.0	,o	.0	.0		.0	.0	.0
17-19	.0	.0	.0	•0	'n	.0	.0	.0	.0	.0	•0	.0	.0	•0
20-22	.0	.0	•0	.0	.0	.0	.0	•0	•0	.0	.0	•0	.0	.0
23-25	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	• 0	•0	.0	•0
26-32	.0	.0	•0	.0	.0	•0	.0	.0	.0	.0	•0	•0	.0	•0
33-40	.0	.0	•0	•0	.0	•0	•0	•0	.0	.0	•0	•0	.0	•0
41-48	.0	.0	•0	.0	.0	•0	.0	•0	.0	.0	•0	•0	.0	•0
49-60	.0	.0	•0	.0	.0	.0	.0	•0	.0	.0	.0	•0	.0	•0
61-70	.0	•0	•0	.0	•0	•0	•0	.0	.0	.0	.0	•0	.0	.0
71-86	.0	.0	•0	.0	۰0	•0	.0	.0	.0	.0	.0	•0	.0	.0
87+	.0	٠.	•0	.0	.0	•0	•0	•0	.0	.0	.0	•0	.0	.0
TOT PCT	.0	1.3	1.7	•0	.0	.0	3.0	.0	2.5	.0	•0	•0	.0	7.5

<del>-</del>				•••					JANU	ARY				4054			ST JAVA SEA
PERIOD:	(DAE)	R-ALL)	1403-1	767				TABLE	18 (	<u>CONT</u>	)			-		15 114	
				PC	T FREO	ÖF WIND	SPEED	(KTS)	AND	DIREC	TION	VERSUS S	EA HEIĜ	HTS (FT)			
нат	1-3	4-10	11-21	S 22-33	34-47	41+	<b>P</b> CT			1-3	4 <b>-</b> 10	11-21	22-33	34-47	48+	PCT	
<1			n	.0	.0					ŏ	.0	.0	.0	.0	.0	.0	
1-2	.0	1.3	9.	.0	.0	.0	1.3			1.7	8.5	0	.0	•0	.0	10.2	
3-4	.0	.0	.0	•0	.0	.0	ě0			•0	1.7	3.0	.0	•0	.0	5.5	
5-0	•0	.0	•0	•0	•0	.0	•0			•0	•0		•0	•0	.0	•0	
7-	•0	.0	•0	•0	•0	.0	•0			.0	.0		.0	•0	.0	•0	
8-9 10-11	.0	.0	•0	.0	.0	.0	.0			.0	ŏ		.0	•0	.0	.0	
15			•0	.0	.0					ŏ	ŏ		.0	.0		.0	
13-16	ě		ŏ	.ŏ	.0						ō			•0	.0	iŏ	
17-19	ě	.ŏ	.0	.0	.0	.0	.0			.0	.0	.0	.0	•0	.0	.0	
20-22	.0	.0	•0	.0	.0	•0	.0			•0	.0		•0	•0	.0	.0	
23-25	.0	.0	•0	٠.	.0	•0	.0			•0	.0		•0	+0	.0	•0	
24-32	.0	.0	•0	•0	•0	•0	•0			•0	.0		•0	•0	.0	•0	
33-40	•0	۰.	-0	.0	.0	.0	•0			.0	.0		•0	•0	.0	•0	
41-48	.0	.0	0.	.0	٠,	:0	:0			ŏ	.0		.0	•0	:0	.0	
61-70	.5	:6	•0	.0	.0	:0	.0			ň	ŏ			ŏ			
71-66	.0	ĕ	.0	.ŏ	ö		ŏ			0	ŏ		.0		.0		
87+	.5	.0	.0	.0	.0	.0	.0			.0	.0		.0	•0	.0	.0	
TOT PCT	.0	1.3	.0	•0	.0	.0	1.3			1.7	10.2	3.8	.0	•0	.0	15.7	
				<b>u</b>									NW				ŤOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PET			1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	,č	.0	.0	.0	.0	.0	.0			•0	1.7	.0	•0	•0	.0	1.7	•
1-Z	.0	18.2	6.6	•0	.0	.0	25.0			1.7	4.2		.0	•0	.0	11.0	
3-4	•0	3.4	9.7	•0	.0	•0	13.1			•0			•0	•0	.0	9.5	
5-6	•0	•0	2.5	•0	.0	•0	2.5			•0	•0		•0	•0	.0	4.2	
7	.0	.0	•0	•0	.0	.0	•0			.0	.0		•0	•0	:0	.0	
10-11	.0	.0	•0	.0	.0	.0	·ŏ			.0	.0			.0	.0	.0	
12	ŏ		0.	.0	.0	.0	.0			Ö	ŏ				ŏ	.0	
13-16	ě	.õ	.0	.0	.0	.ŏ	.0			.0	.0		.0	•0	.0	.0	
17-19	.0	.0	.0	•0	.0	.0	.0			•0	.0	.0	.0	•0	.0	.0	
20-22	.0	.0	•0	.0	.0	.0	.0			•0	٥٠		•0	•0	٠,	•0	
23-25	•C	.0	•0	.0	.0	•0	•0			•0	.0		•0	•0	.0	•0	
26-32	•0	.0	•0	•0	.0	.0	•0			•0	•0		-0	•0	.0	•0	
33-40 41-48	.0	٠.	•0	•0	0.0	•0	•0			.0	.0		••	•0	.0	.0	
49-60	.0	.°	0.	.0	.5	.0	•0			.0			:0	.0		.0	
61-70	.0		.0	.0	.0	.0	.0			.0			:0	.0	.0	.0	
71-66	.0		.0		.0	.0	.0			ŏ	ō		.0		.0	.0	
87+	.0	.ŏ	.0	.0	.0	.0	.0			.0	.0	.0	.0	•0	.0	.0	
TOT PCT	.0	21.6	19.1	•0	.0	.0	40.7			1.7	12.7	11.0	•0	•0	.0	25.4	19.8

	MIND	SPEED	(KTS)	VS SEA	MEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	10.2	1.7	.c	.0	.0	.0	11.9	400
1-2	3.4	33.9	11.9	.0	.0	.0	49.2	
3-4	.0	11.9	16.9		.0	.0	28.8	
5-6	.0	3.4	6.8		•0	.0	10.2	
7	.ŏ	.0	.0	ŏ	.0	.0	.0	
8-7	.ŏ	ŏ			.0	.0	.0	
10-11		.0	.c	.0				
19			ě					
	.0	•0						
13-16	.0	•0	•c	.0	.0	•0	.0	
17-19	.0	•0	.0	.0	.0	.0	.0	
20-22	, ٥	•0	.0	.0	.0	•0	.0	
23-25	.0	•0	•0	•0	.0	.0	.0	
26-32	•0	.0	.0	.0	.0	.0	.0	
33-40	.0	•0	.0		.0	.0	.0	
41-48	.ŏ	.0	.5	.0	.0	.0	.0	
49-60		.0	.0	ŏ		.0	.0	
61-70		.5		ŏ		.ŏ	ŏ	
						.ŏ		
71-86	•0	•0	•0				٠,٥	
<b>87</b> +	•0	•0	.0	• •0	.0	.0	.0	
TOT 961	13.6	50.8	35.4	.0	.0	.0	100.0	59

PERIOD: (OVER-ALL) 1949-1969 TABLE 19 PERCENT PREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) 8-9 10-11 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 MEAN HGT 3 4 2 3 \$7+ .0 .0 .0 .0 .0 .0 7.9 9.2 .0 .0 .0 .0 2.6 1.3 .0 .0 .0 .0 11.8 12 3-4 17.1 11.6 .0 .0 1.3 .0 .0 23 44 19 0 1 1 76 100.0 1.3 .0 .0 .0 .0 ....... ....... 30.3 1.3 .0 1.3 .0 .0 2.6 27 35.5 0000000000 000000000

									FERR	JARY								
PERITO	(PRIMARY)								TAB	.E 1				AREA ODI		THEAS'		SEA
					•	ERCENT	FREQU	ENCY O	F WFATH	R ÖCCU	RENCE	8Y W2	ND DIR	ECTION				
				,	RECIPI	TATION	TYPE						OTHER	WEATHER	PHEND	MĒNA		
	WND DIR	RAIN	#AIN Shur	CR7L	FRZĞ PCPN	ŠNOW	OTHER FRZH PCPN	HAIL	PCPN A'			THOR LTNG	FOG WO PCPN	FOG WO PCPN PAST HE	SHOKE HAZE	PLWG	RAY Dust Snow	NO. SIG WEA
	N NE E SE S W W NW VAR CALM	3.3 4.3 .0 .0 .0 1.4 3.5 3.6	.0 .0 .0 17.6 7.2 5.0	.0	.00	•••••••	.00.00	.00000000000000000000000000000000000000	3.3 4.3 .0 .0 17.6 6.7 8.5 6.1	2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000	0000000000	• • • • • • • • • • • • • • • • • • • •	.0 .0 .0 .0 .0		.0	91.7 95.7 00.0 00.0 82.4 91.3 67.2 88.7
	TOT PCT TOT DBS:	3.0	3.0	.5	.0	•0	•0	•0	6.4	1.	.5	2.0	.0	•0	•0		•0	90.1
									TA	ALE 2								
						PE	RCENT	FREQUE	INCY UF	WEATHER	OCCUR	RENCE	8Y HOU	R				
				•	RECIPI	TATIO	TYPE						DTHER	WEATHE	PHENS	AKSMI		
	HOUR (GHT)	RAIN	RAIN Shur	DŘZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN A OB TIM			THOR	FOG HO PCPN	POG WO PCPN PAST H		RLWG	RAY DUST SNUW	
	0003 06609 12615 18621	3.2 5.8 .0 2.1	6.3 3.6 .0	.0 .0 .0 2.1	.0	.0 .0	•0	.0	9.5 9.6 .0 4.2	2	.2 .0 .3	.0	•••	•0	•0	)	•0	97.3 90.4 97.7 87.5
	TOT PCT TOT CBS:	2.9 207	2.9	. 5	•0	•0	٠Ö	•0	6.3	1	••	1.9	•0	•0	•6	)	•0	90.3
					otortu	TAGE S	F8601161	ev ne	TA WIND DI	BLE 3	BV 48	EED AN	ID BY F	inu <b>a</b>				
			win	D SPĒEC		_	_	٠.	*****		0, 3,		•	HOUR	(GHT)			
	WND DIR		4-10	11-21 2	22-33 3	•0		TOTAL OBS	PCT FR#Q 9.0	MEAN SPD 7.0	10.1	03	06 3.5	09	12	15 7•9	18	21
	NE E SE S S W NH VAR CALP TOT CBS TOT PCT	1.9 2.6 .7 .3 1.4 3.6 .9 9.9 24.0	5.4 3.9 1.5 1.5 1.2 5.1 19.3 14.2 .0 215 52.1	1.7 .5 .1 .0 .2 ?.? 11.7 7.3 .0 98 23.7	.0 .0 .0 .1 .1 .0	•00000000000000000000000000000000000000	2000000000000	413	34.3 25.4 9.9	5:0 5:0 5:0 5:0 5:9 8:1 9:5 8:4 00 7:4	5.8 1.3 .0 1.0 5.5 33.4 27.3 .0 15.6	10.4 29.5 27.6	3.3 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	7.0 2.0 2.0 .0 14.0 42.0 22.0	1.9 1.0 2.9 7.2 9.1 37.0 23.6 .0	7.9 2.6 1.3 .0 14.5 36.8 15.8 .0 13.2	4.5 4.5 .0 6.8 29.5 40.9 9.1 22	7.4 3.3 4.1 .0 7.4 31.1 21.3 .0 9.8
						utw	D SPEE!			BLE 3A					HOUR	, GMT1		
			*	ND DIR	0-6		17-2	7 28-		TOTAL DB\$	FRE		0	00	06 09	12 15	18 21	
			7	NE SE SW WAR VAR CAL DRS OT PCT		3.2 1.7 .5 .2 .4 3.6 18.3 14.3 .0	2	1 1 0 0 0 0 0 0		415	9. 6. 2. 2. 1. 8. 34. 25.	5 5 5 5 5 5 5 6 9 8 6 7	6 .7 .5 .9	12.2 7.1 1.6 1.0 8.0 31.5 27.4 10.4 154	39.8 25.9 .0 4.7	4.4 1.7 2.2 4.2 11.4 96.9 20.3	12.7 6.6 3.6 3.0 7.2 30.7 26.5 .0	

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	1922-1972
(PRIMARY)	
	1=64-1877

TABLE 4

AREA 0014 NORTHEAST JAVA SEA 4.78 113:9E

			-		
PERCENTAGE	PREQUENCY	OF WIND	SPEED BY	HOUR	(GMT)

HOUR	CAL'#	1-3	<del>4-1</del> 0		SPEED (		48+	HEAN	PCT. FREQ	TOTAL
£0300	10.4	17.5	44.8	26.6	.6	.0	.0	7.7	100.Ö	154
90360	4.7	15.1	57.0	30.2	.0	.0	.0		100.0	16
12615.	14.4	7.8	54.4	23.3	.o	.0	.0	7.1	100.0	90
18621	7.6	13.3	45.1	12.0	.0	.0	.0		100.0	43
TOT	41	-51	215		ì	ō	0	7.4	•	413
PCT	7.9	14.0	52.1	23.7	,ž	.0	•0		100.0	

TABLE 5

TABLE .

				*****			TABLE -											
•	CT FRE			CLOUD A		(EIĞHTHS) MEAN	PERCENTAGÉ FREQUÊNCY OF CEILÍNG MEIĞMTS (FT,NM >4/8 And occurrence of NH <5/8 by Mind Direction											
WND DIR	0-2	3-4	5-7	B & CO	TOTAL	CLGUD COVER	000 149	150 299	300 599	600 <b>99</b> 9	1000 1999	2000 3499	3500 4999	5000 6479	0500 7999	8000+	NH <5/8 ANY HGT	
N.	1.2	•0	.0	.•		3.4	•0	.0	.0	٠Õ	.,	•0	.0	.0	.0	.0	1.2	
NE	1.2	.0	1.2	1.2		4.6	•0	.0	.0	1.2	.0	•0	.0	.0	.0	.0	2.5	
€	.0	.0	.0	2.5		8.0	•0	.0	.0	•0	.0	.0	.0	•0	40	.0	2.5	
ŠĒ	1.2	.0	.3	.0		1.2	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	
Š	1.2		.7	. 9		4.5	•0	.0	.0	. 9	.0	•0	.0	.0	•0	.0	3.1	
ŠW	.0	. 3	2.5	. 3		4.3	•0	.0	. 0	. 3	.0	.0	.0	•0	•0	.0	2.8	
¥	3.4	3.7	20.7	9.9		5.9	•0	.0	2.2	5.2	7.7	•0		•0	•0	.0	21.9	
NH	1.5	9.9	12.7	12.7		5.8	•0	1.2	.3	,	9.9	1.2	ě	•0	•0	.0	22.5	
VAR			.0			•0	•0		.0	·ó			.0	.0		.0		
CALM	1.2	3.7	2.5	1.2		4.5	ě	•0	.0	.0				•0	•0		-8.6	
TOT UBS	***	15	33	24	91	5.6	• • • •	•"	• • •	• • •	:2	•0	••	_	•••	•0		āì
	?						v			- 4		. 1		9			54	100.0
TOT PCT	1101	18.5	40.7	29.6	100.0		•0	1.7	7.5	8.6	10.5	1.2	1.2	•0	+0	•0	46.7	100:0

TABLE 7

# CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NM >4/8) AND VSBY (NM)

				VSBY (NH	1)		_	_
CEILING	• OR	· OR	⇒ DR	= #R	• DR	■ DR	- DR	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	•0	•0	.0	.0	.0	.0	•0	.0
■ CR >5000	.0	ě0	.0	.0	•0	.0	- • Ō	.0
■ DR >3500	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
= NR >2000	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
● DR >1000	17.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2
# DR >600	26.2	28.6	28.0	28.6	28.6	28.6	28.6	28.0
# DR >300	27.4	31.0	31.0	31.0	31.0	31.0	31.0	31.0
# DR >150	28.6	32.1	32.1	32.1	32.1	32.1	32.1	32.1
. DR > 0	28.6	32.1	32.1	32.1	32.1	32.1	32.1	32.1
TOTAL	24	27	27	27	27	27	27	27

TOTAL NUMBER OF DESI

PCT FREQ NH 45/81 67.9

### TABLE 7A

# PERCENTAGE PRES OF LOW CLOUDS (EIGHTHS)

TOTAL	DBSCD		7	6	5	4	3	2	1	c
•1	-0	12.1	1.1	4.4	13.9	14.3	24.2	12.1	13.2	3.3

9	0
	4.5

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PERIOD: (PRIMAR (OVER-A	Y) 1 LL) 1	922-1972 856-1972						TA	BLE 8				ARE	A 0014	NÖRTHÉAST JAVA SEA 4.75 113.9E
			•	ERCENT	FRED S	PITAT	D DIRÊ	TIÖN. TH VAR	AINE A	URRÊNCI ALUES (	E.OR.N DF VIS	ON-ÖCC IBILIT	URRENC Y	E ÖF	
1	VSBY (NM)		N	NE	Ē	SE	S	ŚW	W	NW	VAR	CALH	PCT	TOTAL DES	
,	<b>&lt;</b> 1/2	PCP NO PCP TOT \$	.0	•0	•0	•0	•0	•0	.0 .5	•0	•0	•0	.0 .5		
	1/2<1	PĈP ND_PĈP TOT \$	•0	•0	.0	•0	•0	•1 •0 •1	.0	•0	•0	•0	.0		
	1<2	PCP ND PCP TOT %	.2	.2	•0	•0	•0	•0	.0	•0	•0	•0	1.0		
	2<5	PCP NO PCP TOT 3	.0	.0	.0	•0	•0	.0 1.0 1.6	.0	.1	.0	1.0	1.0 2.0 3.0		
	<b>5</b> <10	PCP NO PCP TOT %	3.1 3.1	1.0 1.0	.0 1.2 1.2	.0 1.2 1.2	•0	2.9 3.0	5.2	6.0 6.2	.0	•0	1.0 20.2 21.2		
	10+	PCP NO PCP TOT %	4.1 4.1	4.4	.0 1.5 1.5	1.8 1.8	1.7 2.1	•1 4•9 4•4	26.1 27.0	1.6 22.5 24.1	•0	•0 4•4 4•4	3.0 70.9 7J.9		

TABLE 9

			í	PĒRCEN	T FRĒQ WITH V	OF WII	VALUE	ECTION S OF V	VS WI	ND SPE	ÉD		
VSBY (NH)	SPD KTS	N	NÉ	É	SÉ	Š	Sh	×	NW	yar.	CALM	PCT	TOTAL Des
	0-3	.0	.0	.0	.0	۰Ö	.0	.0	.0	.0	.0	.0	473
<1/2	4-10	.0	.0	·õ	. 3	ŏ	.ŏ	.3	.0	,ō	•••	.7	
	11-21	.0	.0	.0	.0	.0	.3	.0	.0	.0		.3	
	22+	.0	•0	•0	.0	.0	.0	.0	.0	.0	_	•0	
	TOT \$	•0	•0	•0	.3	•0	.3	.3	•0	•0	.0	1.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1		.0	-0	.0	•0	.0	.1	.2	.0	.0		.3	
	11-21	٠.	.0	.0	.0	.0	.0	•0	.0	.0		.0	
	22+	٠.٥	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	•0	•0	•0	•0	-1	.2	.0	.0	•0	.3	
	0-3	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.3	. 3	• 0	•0	.0	.0	.3	.0	.0		1.0	
	11-21	.0	•0	.0	.0	.0	.0	.0	.0	.0		.0	
	22+	.0	.0	•0	.0	•0	.0	.0	.0	.0		.0	
	TOT %	.3	.3	•0	• 0	•0	•0	.3	.0	.0	.0	1.0	
	0-3	.0	•0	٠ô	•0	.0	.0	.0	.0	.0	.7	.7	•
2<5	4-10	.2	•2	.0	.0	•0	.0	.4	.6	.0		1.3	
	11-21	.3	•0	•0	•0	•0	1.0		• 2	.0		2.3	
	22+	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.5	• 2	•0	.0	•0	1.0	1.2	.7	.0	.7	4.3	
	0-3	.5	.3	•0	.3	.0	.0	.0	.5	.0	.0	1.7	
5<10		1.6	.3		.5	.0	2.2	2.6	2.6	.0		10.6	
	11-21	.5	•0	•0	•0	.0	.5	1.9	1.4	.0		4.3	
	22+	.0	•0	•0	•0	.0	.0	•0	.0	.0		.0	
	TOT \$	2.6	.7	. 8	. 8	•0	2.6	4.6	4.5	•0	.0	16.6	
	0-3	1.9	1.3	•7	.5	.2	.7	1.2	3.7	.0	10.6		
10+	4-10	4.1	2.5	. 8	, 9	. 9	2.2	15.0	13.0	٠.		39.4	
	11-21	.5	.5	•0	•0	• 2	.4	8.6	4.3	.0		16.6	
	22+	.0	.0	•0	.0	.0	.0	.0	•0	٠.			
	TOT \$	6.5	4.3	1.5	1.4	1.4	3.3	24.8	23.0	٠.	10.6	70.8	
	TOT DBS	7.7	5.5	2.3	2.6	1.4	7.4	31.5	28.2	.0	11.3	190.0	302

PERIOD:	(PRIMARY)	1922-1972
	INVER-ALL L	1854-1872

TABLE 10

AREA 0014 NORTHEAST JAVA SEA

			(PEETANH >4/8	
		4 45 46 61		

HOUR (GHT)	000 149	190 299	300 5 <b>99</b>	000 178	1000	2000 3499	1500 4977	5000 6499	6500 7 <b>999</b>	800Ô+	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00603	٠.	.0	9.1	13.6	16.2	•0	4.5	.0	.0	•0	45.5	54.5	22
<b>9</b> 0360	.0	٠.	٠٥	4,3	26.1	20	.0	.0	.0	۰Ó	30.4	69.6	23
12615	.0	4.8	.0	4.8	14.3	.0	.0	.0	.0	•0	23.4	76.2	21
18621	.ō-	.0	.0	9.1	7.1	4.5	.0	.0	.0	•0	22.7	77.3	22
TOY PCT	.0	1.1	2.3	8.0	15 17.0	1.1	1.1	.0	.0	.0	30.7	67.3	100.0

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VSBY	(NM)	BY HOUR		CUMULAT					VSBY (NM) )>RY HOUR	
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL CBS	HOUR (GHT)	<150 <50YD	<600 <1	<u>&lt;1000</u> <b>&lt;5</b>	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
€0300	.,	.0	1.8	4.5	16:1	76.8	112	60300	øÖ	Ť.5	23,8	23,8	52.4	21
06609	1.5	1:5	•0	416	18.5	73.8	65	90340	•0	-0	4.8	28.4	46.7	21
12615	•0	.0	٠č	3.3	20.0	76.7	60	12615	•0	5.0	10.0	18.ó	75.0	20
18621	1.4	.0	1.4	4.3	13.0	79.7	<b>69</b>	18621	.0	-0	9.1	13.6	77.3	22
TÖT PET	3 1.0	.3	.3 -1.0	13 4.2	51 16,7	235 76:8	306 100.0	TOT PCT	•0	-3 3.6	10 11,9	17 20.2	57 67.9	- 84 100.0

TARLE 13

TABLE 14

	PERC	ENT FR	EOUENC	Y OF R	ELATIV	HUMI	DITY 5	Y TEMP	70741	PCT		PERC	ENT FR	EQUENÇ	Y DĒ W	IND D	RECTIO	N 8Y T	EMP	
TEMP F	0-29	30-39	40-4 <del>9</del>	50-59	40-69	70-79	80-89	90-100	TOTAL	PREC	N	NE	E	SE	S	SW	¥	NW	VAR	CALM
90/94 85/89 80/84 75/79 TOTAL	.0	•0	0.00	•0	1.2	.0 27.4 .0	.0 47.6 7.1	.0 6.3 1.2	1 71 7	1.2 6.0 64.5 8.3 100.0	.0	.0 1.2 3.6 .0	.0 2.4 .0	.0 2.7 .0	3.3	.0 5.4 .3	3.0 27.1 3.6	1.2 .6 32.4 2.7	.0	.0 7.1 .0
PCT	,ŏ	•0	.0	•0	2.4	33.3	54.8	9,5	•	••••	1.5	4.8	2.4	2.7	5.1	4.0	33.6	36.9	•0	7.Ĩ.

TARLE 15

	MEANS,	EXTREM	ES AND	PFRCEN	TILES	OF TE	IP EDE	G F)	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	UAIDITY	BA HIJUI	R
HOUR (GMT)	MAX	998	958	50%	54	1%	MIN	HEAN	TOTAL	HOUR (GHT)	0-29	30-59	60-69	70-79	80-89	90-100	MESK	TOTAL
00003 00009	92 94	90 93	86 86	#2 #2	77 77	75 75	74 75	\$1.7 \$2.4	154	£0300	•0	•0	4.8	28.4	\$1.9 31.8	- 9.1	#1 79	21 22
12215	92	85	84 83	42 61	79 78	78 75	78 75	81.5 80.7	90 84	12615	.0	•0	•0	34.8 27.3	56.5 59.1	8.7 13.6	#2 #3	\$3 23
TOT	94	90	85	85	78	75	74	81,4	414	TOT	•	**	ž	32	40		\$1	- 36

FEBRUARY

PEKIOD: (PRIMARY) 1922-1972 (OVER-ALL) 1856-1972

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TABLE 17

AREA 0014 HURTHEAST JAVA SEA 4.75 113.9E

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PCT FREG OF AIR TEMPERATURE (DEG F) AND THE DCCURRENCE OF FOG LWITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73 76	77 80	81 84	85	89 92	>92	TOT	# FOG	¥D FDG
11/13	.0	.0	.0	.0	.0	.5	1	.0	.5
9/10	٠.0	•0	٠.	.0	.5	.0	1	.0	.5
7/8	.0	•0	.0	.0	.5	.0	1	.0	.5
À	.0	.0	.0	.0	1.1	.0	ž	.0	1.1
Ä	.0	.0	. 5	1.0	·.ŏ	.0	ī	.0	2.1
i	.0		.0	1.1	.0		ž		1.1
3 2	ŏ		4.2						
				1.0	.0	•0	11	•0	5.8
1	.0	•0	2.1	• 5	.0	.0	5	•0	2.6
ō	.0	.0	20.5	.5	•0	•0	40	.0	21.1
-1	.0	.0	10.0	.5	.0	•0	20	٠٥.	10.5
-2	.0	10.0	20.5	. 5	.0	.0	59	•0	31.1
-3	.0	2.1	2.6		.0	ŏ	•	•0	4.7
-4	.0	5.3	3.3	.0	.0	.0	20		10.5
-5	.5	4.2	1.1	.0	.0	•0	ii	ä	5.0
-6	.0	.0	.5	.0	.0	•0	1	•0	.5
-7/-8	1.6	.0	.0	•0	.0	•0	3	•0	1.6
TOTAL	4		127		4			٥	190
		41		13		1	190		
PCT	2.1		67.3	6.3	2.1	. 5	100.0		100.0

PERIOD: (DVER-ALL) 1963-1972

				PC	T FREG	OF WIND	SPEED	(KTS) AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT	)	
HGT	1-3	4-10	14-21	N 22-33	34-47	48+	PCT	1+3	4-10	11-21	NE 22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	•0	.0	•0	.0	.0	.0	.0	.0	.0
1-2	,ò	1.3	.0	.0	.0	.0	1.3	.0	.0	•0	•0	•0	·õ	•0
3-4	.0	.0	.0	.0	.0	.0	.0	•0	•0	.0	:0	•0	.0	.0
5-6	٠0	•0	.0	.0	.0	.0	•0	.0	.0	.0	.0	•0	.0	.0
7	.0	.0	•0	.0	•0	•0	.0	•0	•0	•0	•0	•0	.0	•0
8-7	•c	.0	•0	.0	•0	.0	.0	•0	.0	•0	.0	•0	.0	•0
10-11	, C	.0	•0	.0	.0	•0	•0	• o	.0	•0	.0	•0	.0	•0
12	.3	.0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
13-16	.0	.0	•0	.0	•0	•0	•0	• o	.0	•0	•0	•0	•0	•0
17-19	.0	.0	•0	.0	.0	.0	.0	.0	•0	•0	.0	•0	•0	•0
20-22	•0	.0	•0	.0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0
23-25	•0	.0	•0	.0	.0	•0	.0	•0	.0	•0	•0	•0	.0	.0
26-32	.0	.0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0	•0
33-40 41-48	.0	.0	•0	.0	.0	.0	.0	•0	•0	•0	.0	•0	•0	•0
49-40	٠.0	.0	•0	.0	•0	.0	•0	•0	.o	•0	•0	•0	•0	•0
61-70	.3	.0	•0	.0	.0	•0	.0	•0	.0	•0	•0	•0	.0	.0
71-86	٠٥	.0	40	.0		.0	.0	.0	ŏ	•0	.0	.0	:0	.0
87+		.0	•0	.0		.0	.0	•0	:0	.0	•0	.0	.0	.0
TOT PCT	:0	1.3	.0	.0	.0	.0	1.3	•0		.0	.0	.0	:0	.0
101 -61	••	4.5	•0	••	•17	••	149	•0	••	•0	•0	••	••	•0
				£							SE			
HGT	1-3	4-10	11-21	<b>22-33</b>	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.8	.0	•0	.0	•0	•0	1.6	•0	•0	•0	•0	•0	.0	•0
1-2	.0	1.8	•0	.0	.0	.0	1.0	•0	.0	.0	.0	•0	.0	•0
3-4	• • •	.ç	•0	.0	•0	.0	.0	.0	•0	.0	•0	•0	.0	.0
5-6	•0	•0	•0	.0	.0	.0	•0	•0	.0	•0	.0	•0	•0	•0
7_	.0	.0	•0	.0	.0	•0	.0	•0	.0	٠,	•0	•0	•0	.0
8-9	•0	.0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0	•0
10-11	••	•0	•0	•0	•0	•¢	•0	•0	•0	.0	•0	•0	•0	•0
12	.0	.0	•0	.0	٠.	•0	.0	•0	•0	•0	•0	•0	.0	•0
13-16	•0	.0	•0	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0
17-19 20-22	.0	.0	•0	.0	.0	.0	.0	•0	.0	•0	•0	•0	•0	•0
20-22 23-25			•0	.0						••	.0	•0	•0	
20-22	•0		•0	•0	.0	.0	.0	•0	.0	.0	•0	.0	.0	•0
70-12 13-40	:0	.0	•0	.0	.0	•0	.0	•0	.0	•0	•0	•0	.0	•0
41-48	ě	.0	•0	:	.,,	:0	:0			:0	.0	;	:0	:0
49-80	.0	::	•0	:0	.0	:0	.0	.0		.0	:0	.0	:0	.0
41-70	:0		•0	:5		.0		ĕ					:0	
71-06		:0	•0		:0	:0	.0	.0		.0				:0
874	ŏ	.6			:		ě				.,	.ŏ	.ŏ	
TOT PET	1.0	1.8	.0	:0			3.6	•0	٥	.0	. 0	:6		:6

449.704	. Aug		1043 1	073				FEBRUARY				4574	0014	JAR SUPA	
PER100:	(DAR	-ALL)	1703-1	412				TABLE 18 (CONT	,			AREA		OKTHEA:	ABE AVA SEA
					T 6860 1			(KTS) AND DIRE	etina u		EA NETE	u <b>t</b> e /ET	•		
					1 6560 1	Dr #1119	37560	furat War Divi		E4303 3	EM DETO	mia tri	•		
HGT	1-3	4-10	11-21	5 22-33	34-47	48+	PCT	. 1-3	4=10	11ê21	SW 22-33	34-47	46+	PCT	
<1		.0	.0	.0	.0			.0	•0		.0	.0			
1-2	.0	,0	•0	.0	.0	.0	•0	ō	1.8	.0	.0	.0	.ŏ	1.0	
3-4	.0	.0	1.3	.0	.0	.0	1.3	•0	.0	.4	.0	.0	.0	.4	
5-6	.0	.0	•0	.0	.0	•0	.0	•0	•0	.0	•0	•0	.0	•0	
7	•0	.0	•0	.0	.0	•0	•0	.0	•0	•0	•0	•0	•0	•0	
8-9	.0	٠,٥	•0	.0	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0	
10-11 12	.0	0.	•0	.0	•0	•0	.0	•0	•0	•0	.0	•0	•0	•0	
13-16	:0	:0	•0	.0	.0	•0	.0	•0	•0	•0	•0	•0	.0	•0	
17-19	.0	.ŏ	•0	.ŏ	ň	.0	.0	ő	.0	.6		.0	:ŏ	٠٥	
20-22		.6	.0	.ŏ	.0		.0	ō	.0	.ŏ	.0	ŏ			
23-25	.0	.0	•0	ě	.0	.0	.0	ò	.0	.0	.0	.0	ŏ	•0	
26-32	.0	.0	•0	.0	40	.0	.0	.0	:0	.0	.0	•0	.ò	.0	
33-40	.0	.0	•0	. 17	·o	•0	.0	.0	.0	.0	.0	•0	.0	•0	
41-48	.0	.0	•0	.0	.0	•0	.0	•0	•0	.0	.0	•0	.0	•0	
49-60	.0	.0	•0	•0	٠,٠	•0	.0	•6	•0	.0	•0	•0	.0	•0	
61-70	•0	٠.	•0	.0	. 9	.0	•0	•0	•0	•0	•0	•0	•0	•0	
71-86 87+	.0	.0	•0	٠.	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0	
TOT PCT	:0	.0	1.3	.0	.0	.0	1.3	•0	1.8	.0	•0	•0	.0	2.2	
101 761			,	••	••	••		•.,	***	•-	••	••	••	202	
				¥ 22-33							NW		44.		TOTAL
HGT	1-3	4-10	11-21		34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1 1-2	1.8	14.3	•0 6•7	.0	•0	•0	21.0	•0	.0 11.2	0	•0	•0	.0	.0 13.4	
3-4	.0	6.7	4.9	:0	.0	•0	11.6	ő	7.6	2.2	•0	•0	:0	18.8	
5-6	ě	1.0	8.0	.0		•0	9,8	ŏ	1.0	2.7		.0		4.5	
7	ŏ		1.0	.0	.0	.0	1.8	ŏ	0	1.8				1.0	
8-9	.0	.0	0.0	•0	.0	.0	.0	.0	.0	.0	.0	•0	Ĭ	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	
12	.0	.0	•0	.0	.0	•0	.0	•0	•0	.0	.0	•0	.0	•0	
13-16	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	.0	•0	•0	•0	
17-19	.0	.0	•0	.0	•0	•0	.0	•0	•0	.0	•0	•0	•0	•0	
20-22	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0	
23-25	.0	٠٥.	•0	•0	•0	•0	•0	•0	.0	•0	•0	•0	•0	•0	
26-32 33-40-	0	.0	.0	.0	•0	•0	.0	•0	.0	.0	.0	•0	.0	•0	
41-48	.0	:5	•0	.0	.0	.0	.0	.0	.0	.0	.0	•0	:0	•0	
49-60	.0	:0	•0	.5		.0			ŏ			.0	:0	.0	
61-70			•0	.0	.0		.0		.0	.0	.0	٥٠	:0	.0	
71-66	.0	.0	.0	•0	.0	.0	.0		.0	.0	.0	•0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	
TOT PCT	1.5	2Z.8	21.4	.0	.0	.0	46.0	•0	20.5	17.9	•0	• ?	.0	38.4	92.9

A DESTRUCTION OF THE PROPERTY OF THE PROPERTY

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	10.7	.0	.0	.0	.0	.0	10.7	085
1-2	.0	30.4	8.9		.0	.ŏ	37.3	
3-4	.0	14.3	17.9		.0	.0	32.1	
5-6		3.6	10.7			.ö	14.3	
7	.0	•0	3.6			.,	3.6	
8-9	.0							
		•0	•0		.0	.ņ	•0	
10-11	•0	•0	•0	•0	.0	.0	.0	
12	.0	•0	.0		.0	.0	.0	
13-16	•0	•0	.0	•0	.0	.0	.0	
17-19	٠٥	.0	.0	•0	•0	.0	.0	
20-22	•0	•0	.0	.0	.0	.0	.0	
23-25	.0	• 0	.0		.0	.0	.0	
26-32	•0	.0	.0		.0	.0	.č	
33-40	.0	.0			.5			
41-48								
49-60	•0	•0	.0		.0	.0	.0	
61-70	•0	•0	.0		•0	٠,0	•0	
71-86	•0	•0	.0		•0	•0	•0	
87+	•0	•0	.0	•0	.0	.0	.0	
								56
TOT PCT	10.7	48.2	41.1	.0	.0	.0	100.0	•

PERIOD: (OVER-ALL) 1949-1972 PERIGO (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT HEAN HGT 3 6 7 7.6 .0 .0 .0 .0 .0 .0 7.6 12 1-2 29.1 .0 .0 .0 .0 .0 7.6 29 36.7 2.5 .0 .0 .0 .0 .0 .0 707AL \$5 11 1 0 0 0 12 79 100.0 5-6 12.7 2.5 .0 .0 .0 .0 3-4 19.0 2.5 .0 .0 .0 .0 000000000 1.3 ....... ....... 000000000 0000000000 000000000 . . . . . . . . . . 0000000000 0000000000 000000000 .00000000 000000000

MARCH

PERIOD: (PRIMARY) 1922-1973 (OVER-ALL) 1860-1973

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TABLE 1

AREA 0014 NORTHEAST JAVA SEA 4.75 114.0E

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PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

			•	RECIPI	TATIO	N TIPE					OTHER	WEATHER	PHEND	MENA	
WND DIR	RLIN	RAIN Shwr	DR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THDR LTNG	FOG NO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
N NE E SE SW W WAR CALH	4.9 .0 .0 17.4 6.3 9.1 2.3	.0 .0 .0 .0 .0 12.6 1.4 3.1		00000000000	0000000000	00000000000	00000000000	4.9 .0 .0 .0 17.4 18.9 10.5 5.5	.0 .0 .0 .0 13.0 2.1 3.6 3.9	.0 .0 .0 .0 4.2 .7 4.7	•••••••••••••	•0	•0	.0 .0 .0 .0	95.1 100.0 100.0 100.0 69.6 74.7 85.1 85.9
TOT PCT	5.4 186	2.7	.0	.0	.0	.0	.0	8.1	2.7	1.6	•0	.0	•0	•0	87.6

TABLE 2

PERCENT FREQUENCY OF PEATHER OCCURRENCE BY HOUR

			,	RECIPI	GITAT	N TYPE					DTHER	WEATHER	PHEND	HENA	
HOUR (GMT)	RAIN	RAIN SHWR	ORTL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST Hour	THOR	FOG WD PCPN	FUG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	NO SIS WEA
00603 06609 12615 18621	3.6 5.0 2.5 8.9	5.4 .0 2.5 1.8	.0 .0 .0	.0 .0 .0	.0 .0	.0	•0	5.0 5.0 10.7	1.6 7.5 .0 1.8	.0 2.5 3.6	•0 •0 •0	•0 •0 •0	•0 •0 •0	•0 •0 •0	69.3 87.5 92.5 83.9
TOT PCT TOT OBS:	5.2 192	2.6	.0	•0	.0	.0	•0	7.8	2.6	1.6	•0	•0	•0	•0	88.0

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0~3			22-33		48+	TOTAL COS	PCT FREQ	MEAN SPD	00	03	06	HOUR OP	(GMT) 12	15	18	21
N	1.2	5-1		.5	•0	•0		7.4	7.6	11.0	.7.7	1.3	5.0	4.9	. 8 - 3	.0	9.3
NE	2.8	4.5	• •	•0	•0	•0		7.9	5.3	4.4	11.3	3.3	5.0	7.6	10.1	3.7	
E	1.6	3.3	• 2	.0	•0	•0		5.1	5,1	2.9	4.2	.0	6.0	5.4	4.2	.0	12-1
SE	.7	1.3	•2	.0	•0	•0		2.3	5.3	4.4	4.2	.0	1.0	.,	1.4	.0	2.7
S	1.1	1.3	.0	.0	.0	.0		2.6	4.3	2.9	•7	5.0	3.5	2.7	4.2	.0	2.9
Šw	1.5	7.0	1.5	ž	.0	.0		10.2	7.7	7.6	5.6	20.0	13.5	15.6	4.2	15.7	5.7
¥	2.1	21.0	7.4	.4	.0	•0		30.8	8.3	21.0		40.8	39.0	32.6	30.6	44.4	26.4
Ñw	2.3	14.2	3.7		ŏ	.0		20.8	8.5	24.6		15.0		19.6	10.1	21.3	17.9
VAR																	
	0	•0	•0	.0	•0	•0		0	•0			0	.0	0	0	0	
CALM	12.7							12.7	:0	19.1		•.7	8.0	10.7	11.1	14.8	14.3
TOT DES	106	237	58	7	C	0	408		4.6	68	71	30	50	56	36	27	70
TOT PCT	26.0	58.1	14.2	1.7	•0	•0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A WIND SPEED (KNGTS) 7-16 17-27 28-40 17) 12 15 TOTAL DOS 18 21 WND DIR 09 15 21 6.3 6.3 6.7 4.4 11.7 7.2 3.8 6.9 8.8 .0 1.1 2.1 15.9 11.1 8.5 39.7 31.8 31.4 17.8 19.0 18.8 .0 .0 .0 18.8 .0 .0 10.0 10.0 7.5 10.9 14.0 80 92 97 100.0 100.0 100.0 WE F SE SW W WAR CALM TOT DOS TOT PCT 7.4 7.9 5.1 2.3 2.6 10.2 30.8 20.8 20.8 7.6 5.3 5.1 5.3 4.3 7.7 8.3 8.5 2.8 2.1 1.1 .5 .4 4.0 17.8 11.6 .0 ............. 4.1 5.8 4.0 1.8 2.2 5.2 12.0 8.1 .0 12.7 229 96.1 122.0 1000000000 100.0

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т.	м	c	п

PERIOD: (PRIMARY) 1927-1973 (OVER-ALL) 1860-1973

TABLE 4

AREA 0014 NORTHEAST JAVA SFA 4.78 114.0E

PERCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

				WIND	SPEED (	KNOTS)			PCT	COTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FREQ	Des
60300	15.8	13.7	55.4	13.7	1.4	.0	.0	6.3	100.0	139
90209	7.5	7.5	63.8	18.8	2.5	.0	.0	7.7	100.0	60
12615	10.9	17.4	57.6	12.0	2.2	.0	.0	6.5	100.0	92
18621	14.4	13.4	57.7	13.4	1.0	.0	.0	6.1	100.0	97
TOT	52	54	237	58	7	Ó	0	6.6		408
PCT	12.7	13.2	58.1	14.2	1.7	٠Ò	.0		100.0	

TABLE 5

TABLE 6

,	CT FRE			CLOUD A		(EIGHTHS)		•			R F QUEN							
WND DIR	0-2	3-4	5-7	8 & DBSCD	TETAL CBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 79 <b>9</b> 9	6000+	NH <5/8	
N	.0	1.6	2.6	1.3		5.5	•0	.0	.0	1.3	.0	.0	.0	•0	•0	.0	4.3	
NE	.0	.3	1.3	7.7		5.5	•0	.0	.0	•0	.0	.0	.0	•0	•0	.0	2.3	
F	.0	.0	.0	.7		8.0	•0	.0	.0	.0	.0	.0	.0	•0	•0	.0	• 7	
ŠE	.5	ò	.0	.0		•0	.0	ň	. o	.0		.0	.0	.0	.0	.0	. 6	
ξ-	2.0	1.3	.0	1.0		3.6	•0	• 0	.0	•0	.0	1.0	.0	.0	•0	. 0	3.3	
ŠW	7.7	. 7	5.9	1.6		6.7	• 0	ěč	1.5	4.3		3.0	Ĭ	•0	.0	ŏ	6.9	
3"	3.9	9.9	17.6	10.9		5.6	•0	•0	1.3	4.6	6.6	3.3	ž	•0	.0	.0	24.0	
Ñ¥	1.3	3.3	5.3	5.9		5.8	ŏ	•0		1.6	1.6	3.7		1.3	•0		9.9	
VAR													• ′				_	
	,.0	0	0	•0		•0	•0	•0	•0	•0	0	•0	•0	• 0	• 0	.0	• 0	
CALM	6.6	1.3	5.3	• 6		3.1	•0	•0	•0	•0	1.3	•0	•0	.0	•0	•0	11.8	
TOT UBS	11	14	29	22	76	5.4	0	•	2	9	•	ŧ	1	1	0	•	48	76
TOT PET	14.5	18.4	38.2	28.9	100.0		•0	.0	2.6	11.8	11.8	7.9	1.3	1.3	•0	. 3	63.2	100.0

TARLE 7

CUMULATIVE	PCT FREG	OF SIMULTANEOUS	OCCURRENCE
DF CEILI	NG HEIGHT	(NH 34/8) AND V	SBY (NM)

				VSBY (NM	1)			
CEILING	• 0R	• OR	• DR	- DR	■ DR	- CR	• S#	• OR
(FEF?)	>10	>5	>2	>1	>1/2	>7/4	>50YD	>0
- DR >6500	•0	•0	.0	.0	•0	.0	•0	.0
<ul> <li>□R &gt;5000</li> </ul>	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
■ DR >3500	1.3	1.3	2.5	2.5	2.5	2.5	4.5	2.5
• OR >2000	7.6	8.9	10.1	10.1	10.1	10.1	10.1	10.1
# DR >1000	19.0	21.5	22.5	22.8	22.8	22.8	22.8	22.8
■ DR >600	27.8	32.9	34.2	34.2	34.2	34.2	34.2	34.2
- DR >300	27.6	35.4	36.7	36.7	36.7	36.7	36.7	36.7
- OR >150	27.8	35.4	36.7	36.7	36,7	36.7	36.7	36.7
• tiR > 0	27.8	35.4	35.7	36.7	36.7	36.7	36.7	36.7
TOTAL	22	28	29	29	59	29	29	29

TOTAL NUMBER OF DESI 79

PCT FREQ NH <5/8: 63.3

TABLE 74

PERCENTAGE FREG OF LOW CLOUDS (EIGHTHS)

O 1 5 3 4 5 6 7 8 DBSCD DBS 5-7 14-9 18-6 16-9 12-6 11-5 8-0 1-1 12-6 -0 87

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PEKIOD: (PRIMARY) 1 (OVER-ALL) 1							TA	SLE S				ARE	A 0014	NORTHEAST JAVA SEA 4.75 114.0E
		Pi	RCENT	PREC	F WIN	DIRE	CTION Th Var	VS DCC VING V	URRENCI ALUES	E DR N DF VIS	IBILI	URRENC	E OF	
YSBY (NM)		N	NE	E	SE	\$	Sw	w	NW	VAR	CALH	FCT	TOTAL DBS	
<1/2	PCP ND PCP TOT %	.0	.0 .5	•0	•0	•0	•0 •0	.0	.0 .0	•0	•0	.0 .5		
1/2<1	PCP ND PCP TOT %	.9	•0	•0	•0	•0	•0	.0	.3	•0	•0	.0		
1<2	PCP NO PCP	.c	•0	.0	•0	•5	•0	.0	•0	•0	•0	.5		
2<5	PCP NO PCP	.0 .0	.0 .0	.0	•0	.5 .0	•0	.5	.5	.o .o	•0			
	TOT %	.0	.0	.0	.0	•0	2.4	2.6	.8	•0	•0	1.6		
5<10	NO PCP TOT % PCP	.8	1.4	1.1	.6	•0	3.2 5.7	5,9 8,8	3.5 3.6	.0	3.2 3.2	25.4		
10+	NO PCP	4.5	4.2	3.8	:	2.6	7.7 7.2	26.6	12.6	•0	8.1 8.1	70.3 70.0		
	TOT PCT	5,4	6.1	4.5	• .6	3.1	12.6	37,3	17.3	•0	11.4	100.0	185	

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是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们也是一个时间,我们也是一个时间,我们 第一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们

			(						VS WI		ED		
V\$8Y (N4)	SPD KTS	Ŋ	NE	E	5E	\$	SW	W	MM	VAR	CALM	PCT	TOTAL OBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.5	ï		ŏ	.0	1.3	1.0	ŏ	•••	3,5	
	11-21			·ŏ	.0	ŏ	.0	.3	.ŏ	ŏ		.3	
	22+		.0	ě		ŏ		.0	.0	.ŏ		.0	
	TOT %	.0	.5	:	.0	.0	.0	1.6	1.0	.0	.0	3,8	
	0-3	.0	.0	.0	.0	.0	.0	٠.	.1	.0	.0	.3	
1/2<1	4-10	.0	.0	.0	.0	·ò	.0	.0	.0	.0		.0	
	11-21	.ž	.0	.0	.0	.0	.0	.0	. 2	.ö			
	22+	.0	.0	.0	.0	. Q	.0	.0	.0	.0		ō	
	TOT \$	ž	ŏ	.0	.0	.0	.0	.2	.2	.ŏ	•0		
	0-3	.0	.0	•0	.0	.0	.0	.3	.0	.0	.0	.3	
1<2	4-10	.0	.0	•0	.0	.3	.0	.3	.0	.0			
	11-21	.0	.0	.0	.0	.0	.0	•2	.2	.0		.3	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	•0	.0	.0	.3	.0		.2	.0	•0	1.3	
	J-3	.0	1.0	.0	.0	•0	.0	.0	•0	.0	•0	1.0	
2<5	4-10	.2	.0	.5	.2	.0	.0	.5	1.0	.0		2.2	
	11-21	.0	.3	.0	.0	.0	.0	.3	.0	.0		. •	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	•2	1.3	.5	.2	.0	.0		1.0	.0	•0	3.8	
	U-3	-0	.3	.3	.0	.0	.2	.5	.3	.0	2.2	3.8	
5<10	4-10	.5	.5	.3	.5	.0	1.3	4.2	2.3	.0		7.6	
	11-21	•0	.0	.0	.0	.0	1.6	1.6	.6	.0		3,8	
	22+	.0	.0	•0	.0	.0	.3	.0	.0	.0		.3	
	TOT %	.5	. 1	•	.5	.0	3.3	6.3	3.3	.0	2.2	17.5	
	0-3	1.2	1.5	1.3	.6	1.1	1.1	1.4	1.6	.0	10.9	20.7	
10+	4-10	4.3	1.0	1.6	1.1		6.1	15.2	11.1	.0		42.0	
	11-21		.2	.3	.0	.0	.2	5.4	3.5	.0		10.2	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT %	4.1	3.4	3.2	1.0	2.0	7.4	22.1	16.2	.0	10.6	72.9	
	TOT DES												314
	TOT PET	6.9	•.0	5.1	2.4	2.3	10.7	31.8	21.7	.0	13.1	100.0	

MARCH

PERIOD:	(PRIMARY)	1922-1973
	INVER-ALL 1	1860-1073

TOTAL TOTAL TOTAL TERRETARIES OF THE TOTAL TOTA

TABLE 10

AREA 0014 NORTHEAST JAVA SEA 4.75 114.0E

PERCENT	FREQUENCY	O۴	CRICIN	G HEIGHT	·s	FEET, NH	>4/81	AND
	accus	BEL	ICE OF	MH /5/A		MOUR		

HOUR (G4T)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	1500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL
£0300	.0	.0	4.3	4.3	8.7	4.3	.0	.0	•0	•0	21.7	78.3	23
06609	.0	•0	4.0	12.0	16.0	12.0	.0	.0	•0	•0	44.0	56.0	25
12615	.0	•0	.0	5.9	11.8	5.9	5.9	.0	.0	•0	29.4	70.6	17
18621	.0	.0	•0	18.2	9.1	4.5	.0	4.5	٠,	•0	36.4	63.6	22
TOT TOT	.0	.0 .0	2.3	10.3	10 11.5	6.9	1.1	1.1	٠ 0	.0	29 33.3	58 66.7	87 100-0

TABLE 11

TABLE 12

		PERCFILT	FREQUEN	CY VSBY	(NH)	BY HOUR		CUMULAT					VSRY (NH) SUCH YBCC	
HOUR (GMT)	€1/2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TOTAL COS</th> <th>HDUP (GMT)</th> <th>&lt;150 &lt;50YD</th> <th>&lt;690 &lt;1</th> <th>&lt;1000 <b>&lt;</b>5</th> <th>1000+ AND5+</th> <th>NH &lt;5/8 AND 5+</th> <th>TOTAL DBS</th>	2<5	5<10	10+	TOTAL COS	HDUP (GMT)	<150 <50YD	<690 <1	<1000 <b>&lt;</b> 5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00003	4.6	.9	.9	3.7	11.9	78.0	109	60300	•0	4.8	9.5	14.3	76.2	21
60360	5.0	.0	.0	3.3	11.7	80.0	<b>6</b> 0	<b>9</b> 0380	.0	4.2	10.7	29.2	54.2	24
12615	1.4	1.4	1.4	2.9	24.3	66.6	70	12615	.0	•0	13.3	20.0	66.7	15
18621	3.7	.0	7.5	4.9	23.5	65.4	<b>0</b> 1	19821	•0	•0	21.1	21.1	57.9	19
TOT PCT	12 3.6	, 2 , 6	1.3	12 3.6	56 17.5	234 73.1	320 100.0	TOT PCT	.0	2.5	15.2	17 21.5	50 63.3	79 190•0

TAPLE 13

TABLE 14

	• • •																			
PERCENT FREQUENCY OF PELATIVE MUMIDITY BY TEMP TOTAL PCT TEMP F Q-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 DBS FREQ									***		PERCE	NT FRE	ONEHC.	V DF 4	140 DI	RECTIO	N BY T	EMP		
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FRED	N	NE	E	SE	5	SW	¥	NW	VAR	CALM
85/89 80/84 75/79	.0	.0	•0		1.3	27.8	.0 46.8 3.8	3.8 7.6		8.9 79.7 11.4	1.9 3.5	3.5 .0	•6	.0	1.3	1.3	31.0	13.0	•0	13.9
TOTAL PCT	.0	.0		0	1	29	40	11.4		100.0		3.5	•6				39.2			10.5

TARLE 15

	HEANS,	EXTREM	ES AND	PERCEN	LITÉZ	DE TE	IP (DE	G F) B	Y HUUR
1DUR GMT 1	MAX	198	95%	50%	54	14	MIN	MEAN	TUTAL
£030	89	88	86	82	76	75	73	81.9	140
90380	91	90	87	62	78	76	76	82.5	79
12615	92	88	85	12	79	79	78	82.1	91
18221	88	87	84	82	77	75	75	81.3	97
TOT	92	89	86	12	78	75	73	81.9	407

	PERC	ENT FRE	GRENCA	OF RELA	TIVE H	UMINITY	BA HBRI	4
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00203	•0	•0	4.8	27.3 57.1	59.1 33.3	13.6	83 78	22
12615	•0	•0	3,0	29.4	58.6	4.8 5.9	62	21 17
18621 TOT	•0	•0	•0	27.3	54.5 42	18.2	84 82	22 82
	-	•	_	•	••		. •	

O

MARCH

PERIUD: (PRIMARY) 1922-1973 (OVER-ALL) 1860-1973

0

TABLE 17

AREA 0014 NORTHEAST JAVA SEA 4.75 114.0E

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THE REAL PROPERTY AND ADDRESS OF THE PARTY AND

PCT FRPO OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (MITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	85	49	101	W	MÖ
TMP DIF	76	80	84	88	92		FOG	FOG
7/8	.0	.0	.0	.0		1	.0	.6
	.0	•0	.ŏ		.0	ī	•0	.6
5	.0		1.2	ŏ		3	.0	1.9
4	.0	•0	1.2	3.1		i	ŏ	4.9
•								
3	.0	•0	.6	2.5	.0	5	•0	3.1
	.0	•0	8.0	3.7	.0	19	•0	11.7
i	.0	.6	3.1	1.2	.0		•0	4.9
í	.0	.6		1.2	.0	33	.0	20.4
-i	.0	1.2	8.6	3.1	.0	21	.0	13.0
+Ž	.0	3.1	19.8	.0	.0	37	.0	22.8
-3	.0	3.1	3.1	.0	.c	10	.0	6.2
-4	.6	3.1	1.9	.0	•1,	9	.0	5.6
-5	1.9	.6		.0	.0	5	.0	3.1
-6		•0	.0	.0	.0	1	•0	
-7/-8		•0	.0	,0	•0	i	•0	.6
TOTAL	6		108	• -	3	_	3	162
	•	20	300	25	•	162	•	•••
PCT	3.7		66.7		1.9	100.0		100.0

PERIOD: (OVER-ALL) 1963-1973

				PC	T FREQ E	F WIND	SPEED	(KTS) AND DIRE	ECTION V	ERSUS \$	EA HEIG	HTS (FT)		
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT	1=3	4-10	11-21	4E 22-33	34-47	48+	PCT
<ī	.0	2.8	•0	•0	•0	•0	2.8	.0	•0	.0	•0	•0	.0	.0
1-2	•0	2.4	.0	.0	.0	.0	2.8	.0	.0	.0	.0	•0	.0	•0
3-4	.0	.0	•0	.0	•0	.0	.0	•0	•0	•0	٠Ō	•0	.0	•0
5-6	.0	.0		•0	.0	.0	•0	•0	•0	.0	•0	•0	•0	.0
7	.0	.0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0
8-9	.0	.0	•0	•0	•0	•0	.0	•0	•0	.0	•0	•0	•0	.0
10-11	.0	.0	•0	.0	•0	.0	•0	•0	.0	.0	•0	•0	.0	•0
12	•0	.0	•0	.0	•0	.0	.0	•0	.0	.0	.0	•0	.0	•0
13-16	•0	.0	•0	•0	.0	.0	•0	10	•0	•0	•0	•0	•0	•0
17-19	.0	.0	•0	•0	•0	.0	.0	•0	•0	•0	•0	•0	.0	•0
20-22	•0	.0	•0	•0	.0	•0	.0	•0	•0	.0	~0	•0	.0	•0
23-25	.0	.0	.0	•0	• •	.0	•0	•0	.0	.0	.0	•0	.0	•0
26-32	•0	٠,	•0	•0	•0	•0	.0	•0	.0	•0	•0	•0	.0	•0
33-40	.0	.0	•0	•0	•0	•0	.0	•0	.0	•0	•0	•0	•0	•0
41-48	.0	.0	•0	•0	•0	•0	.0	•0	•0	.0	•0	•0	.0	•0
49-60	.0	.0	•0	•0	•0	.0	•0	•0	•0	.0	•0	•0	.0	•0
61-70	.0	.0	•0	•0	.0	.0	•0	•0	:0	.0	.0	•0	•0	•0
71-86	.0	.0	•0	•0	.0	.0	.0	•0	•0	•0	.0	•0	•0	•0
87+	•0	.0	•0	.0	•0	•0	.0	•0	.5	•0	.0	•0	.0	•0
TOT PCT	•0	5.6	•0	•0	.0	•0	5.6	.0	•0	•0	•0	•0	•0	•0
HGT	1-3	4-10	11-21	E 22-33	34-47	48+	PCT	1-9	4-10	11-21	22-33 SE	34-47	48+	PCT
<b>&lt;1</b>	.0	.0	.0	•0	.0	.0	•0	.0	.0	.0	•0	•0	.0	.0
1-2			.0		. 6	.0	.0	ō	.0	.0		•0	.0	.0
3-4	.0	.ŏ	Ö		.0	·ŏ	ě	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.ŏ	.0	.0	.0	.0	.0	•0	.0	.0
7	.0	.ō	.0	.0	.0	.0	.0	,n	.0	.0	.0	•0	.0	.0
1-7	.0	.0	•0	.0	•0	.0	.0	.0	.0	.0	•0	•0	.0	.0
10-11	.0	.0	•0	.0	•0	.0	.0	•0	•0	•0	•0	•0	.0	.0
12	.0	.0	•0	.0	.0	.0	.0	.0	.0	•0	•0	•0	.0	•0
13-16	.0	٠.	•0	-0	.0	•0	.0	.0	•0	.0	.0	•0	•0	•0
17-19	•0	.0	•0	.0	.0	•0	•0	.0	.0	•0	•0	•0	•0	.0
20-22	.0	.0	.0	.0	.0	•0	.0	•0	.0	•0	•0	•0	•0	•0
23-25	.0	.0	•0	.0	.0	•0	•0	•0	:0	.0	.0	•0	•0	.0
26-32	.0	.0	•0	•0	•0	٠0	•0	•0	•0	•0	.0	•0	•0	•0
33-40	•0	.0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0
41-48	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0	•0	•0
49-60	•0	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0	•0	•0	•0
61-70	•0	.0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0	•0
71-84	•0	.0	•0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0
87+	•0	.0	•0	•0	•0	•0	•0	•0	•0	.0	•0	•0	.0	•0
TOT PCT	•0	.0	•0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0

									MARCH							
PERIODI	COVE	R-ALL)	1963-1	973				TABLE	18 (CONT	,			ASKA		S 114	ST JAVA SEA .OE
				PC	T FREO D	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)	ı		
				5								SW	<b>-</b>			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.0	.0	•0	.0	•0	•0	0		• 2	0	.0	•0•	•0	.0	.0	
1-2	.0	2.5	•0	•0	•0	•0	2.0		•0	6.3	4.2	•0	•0	.0	6.3	
3-4	•0	.0	•0	•0	•0	•0	.0		•0		7.6	•0	.0	:0		
5-6 7	.0	:0	•0	.0	.0	•0	.0		.0	ŏ		.0	:0	:0	.0	
4-7	:0	:0	•0	.0	.0	:0	.0		٥	ŏ		:0	.0	:0	ě	
10-11			•0	.0	.0	.0	.0		.0	Ö	• • • • • • • • • • • • • • • • • • • •	.0	.0	ě	ů	
15	ö		•0	٥٠	ŏ		ě		ŏ	ŏ	. 6		ŏ		.0	
13-16	ö		.0	.0	٥		.0		.0	ŏ	ŏ		žŏ		.0	
17-19	.ŏ	.0	.0	.5					ő	.0	.0		ěŏ	.ŏ	.0	
20-22	ŏ	.ŏ	.0	.ŏ	.0		.0		.0	ō	.0		.0	.0	.0	
23-25	ŏ	.0			.0	.0	.0		•0	ō	.0	.0	.0	ŏ	,0	
26-32	.0	.0	.0	.0	.0	. Ö	.0		.0	.0	.0	.0	.0	.0	.0	
33-40	.0	ŏ	•0	.0	.0	.0	.0		.0	.0	.0	.Ö	.0	.0	.0	
41-48	.ò	.ò	•0	.0	.0	•0	.0		.0	.0	•0	•0	.0	.0	.0	
49-50	.0	.0	.0	.0		.0	.0		.0	.0	•0	.0	.0	.0	.0	
61-70	.0	.0	• 0	.0	.0	.0	.0		•0	.0	.0	.0	•0	.0	•0	
71-86	.0	.0	•0	.0	•0	.0	.0		.0	•0	.0	.0	•0	.0	•0	
874	.0	.0	•0	.0	•0	•0	•0		•0	.0	•0	٠0	•0	•0	•0	
TOT PCT	•0	2.8	•0	•0	•0	•0	2.8		•0	9.0	4.2	•0	•0	.0	13.2	
				¥								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1		2.0	•0	••	.0	.0	2.8		.0	.0	•0	.0	.0	.0	.0	. • .
1-2	.0	29.2	5.6	.0	.0	•0	34.7		.0	3.5	2.8	.0	•0	.0	6.3	
3-4	.0	2.0	8.3	.0	.5	.0	11.1		•0	•0	6.9	•0	.0	.0	6.9	
5-6	.0	.0	5.6	.0	•0	•0	5.6		•0	:0	.0	•0	•0	.0	•0	
7	.0	.0	•0	+0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0	
8-9	.0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0	
10-11	•0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0	
12	•0	.0	•0	•0	.0	•0	•0		•0	•0	•0	.0	•0	.0	•0	
13-16	•0	٠,	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	.0	•0	
17-19	.0	.0	•0	•0	.0	.0	•0		•0	•0	•0	•0	•0	.0	•0	
20-22	•0	.0	•0	•0	.0	•0	•0		•0	•0	•0	.0	•0	٠.	•0	
23-25	•0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	•0	•0	
26-32	•0	.0	•0	•0	•0	•0	.0		•0	.0	•0	•0	•0	•0	•0	
33-40	•0	.0	•0	•0	٠,	.0	• 0		•0	.0	•0	•0	•0	:0	.0	
41-48 49-60	:0	٠,٥	.0 0.	•0	.0	.0	•0		• 0	.0	.0	.0	.0	:	.0	
41-70	.0	.0	.0	•0	.0	.0	.0		.0		.0	.0	ŏ		.0	
71-86	.5	:0	.0	.0	.0	.0	•0		.0	.0		.0	ŏ	:6	.0	
87+			÷0	.0	ö	.0	.0		ŏ	ŏ	.0	.0	.0	.ŏ	.0	
	• • •		1.00	- 4	• • • •	• • •	44.3			3.4	• •	- 2	**	• • •	11.0	

A CONTRACTOR OF THE SEPTEMBER OF THE SECRETARIES SECRE

	HIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	10.6	8.1	.0	.0	.0	.0	18.9	053
1-2		43.2	8.i	Ö	.0	.0	51.4	
3-4	.0	5.4	18.9	.0	.0	.0	24.3	- •
5-6	.0		5.4	.0	.0	.0	5.4	
7-5	.ŏ	ŏ	ō	ŏ		ñ	ò	
8-9		.0		ŏ				
10-11						.0	ö	
	.0	•0	.0	.0				
12	.0	•0	.0	.0	•0	.0	•0	
13-16	.0	•0	.0	,0	.0	.0	•0	
17-19	.0	.0	.0	•0	.0	.0	•0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	•0	.0	.0	٠.	.0	.0	
33-40	.0	.0		.0	.0	.0	.0	
41-48		.3		ŏ	·ò	.0	.ŏ	
49-60	:ŏ		.0			ŏ	.6	
61-70	:8	ě	:6	iŏ	:0	ě:	:8	
71-86	.0	•0	.0	.0	•0	.0	.0	
674	.0	•0	.0	•0	.0	•0	.0	_
TOT PCT	10.8	56.8	32.4	.0	.0	.0	100.0	37

THE PERSON AND THE PERSON AND THE PERSON AND THE PERSON AS THE PERSON AS

PERCENT PREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS) PERIOD (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT MEAN HGT 2 5 36 15 0 1 0 14 66 100-0 9.1 1.5 .0 .0 .0 .0 18.2 19 28.8 4.5 9.1 .0 .0 .0 .0 28.8 3.0 .0 1.5 .0 .0 1.5 23 34.8 12.1 3.0 .0 .0 .0 .0 1.5 11 16.7 ....... ....... ........ 0000000000 000000000 •••••••• ........ ....... 000000000 ...... 0000000000 ••••••••• ........ 0000000000

									APR	IL						
PERIUD:	(PRIHARY (OVER-AL)	) 192; L) 1869	1-1973 1-1973						TABLI	E 1			AFEA ODI	4 NGR	THEAST JAV	A SEA
					,	PERCEN	T FREQL	ENCY I	DE MEATHE	R DCCURRENCE			******			
					RECIPI											
							-					OTHER	WEATHER	PHEND	MENA	
	WND DIR	RAIN	RAIN SHWR	DR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST HDUR	THDR	FOG WD PCPN	FOG WO PCPN PAST HR	SMOKE	SPRAY BLWG DUST BLWG SNOW	ND SIG WEA
	N NE	4.9	.0	.0	.0	.0	.0	.0	4.9	•0	0	.0	.0	.3	.0	9:.1
	E	3.0 3.2	4.0	.0	.0	•0	.0	.0	3.0	4.0	7.5	.0	ž 0	٥٠	.3	13.4
	\$E		1.5	.ŏ	:0	.0	.0	.0	7.3 1.5	4.5	2.1	•0	.0	.0		85.4
	Ş	7.4	5.6	.0	.0	.0			13.0	5.6	3.0	•0	•0	.0		94.2
	\$w	.0	.0	.0	.0	.0	.0	.0		3.3	:	:0	.0	•0	•0	\$1.5 96.7
	W No	22.2	.0	.0	.0	•0	.0	.0	72.2	•0	23,6	.0	.0	•0	•0	56.7
	VAR	.0	:8	٥.	.0	.0	.0	.0	26.7	• 0	20.0	.0	ŏ	•0	ěč	46.7
	CALP	5.3	.0		:0	•0	.0	.0	.0 5.3	•¢	.0	•0	.0	•0		.0
		• •	••	•••	••	•••	••	••	3.3	•0	5.3	•0	.0	•0	•0	19.5
	TOT PCT TOT DBS:	202	2.0	.0	.0	•0	•0	•0	6.9	2,5	5.4	•0	•0	•0	•0	85.6
									TARL	.E 2						
						PE	RCENT	FREQUE	NCY OF WE	ATHER DCCUR	BENCE					
					RECIPI'											
							•					OTHER	WEATHER	PHEND	TENA	
	HUUR (GHT)	RAIN	RAIN Shur	DR7L	PR7G PCPN	SNON	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR	PGG VO PCPN	FOG WO PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST BLWG SNOW	NN SIG WEA
	60300	6.4	2.1	.0	.0	.0	.0	.0	8.5	2.1	2.1	.0	.0		_	. i.
	12615	4.7	2.3	.0	•0	•0	٠,٢	.c	7.0	2.3	2.3	:0	.0	•0		87.2
	12615	5.1 3.6	3.4	٠.	.0	.0	.0	• 0	8.5	3,4	4.5	ä	ě	•0		81.4
		3.0	.0	.0	•0	•0	.0	•c	3.6	1.8	7.3		.0	ě		87.3
	TOT PCT TOT CBS:	4.9 204	2.0	•0	•0	••	•0	•0	6.9	2,5	5.4	•0	•0	•0	•0	85.8

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			TABLE 3					
PERCENTAGE	FREQUENCY OF	MIND	DIRECTIO.	BY	SPEED	AND	87	HOUR

NO DIR 0-3 4-10 11-21 22-33 34-47 48+ TOTAL PCT HEAD DRS FREQ SPT. DO 03 06 MOUR (GMT) 09 12 15 18 21  N													~~					
NE 13 9:0 6 0 10 10 9.8 6.5 9.1 13.7 4.9 3.2 1.6 4.2 3.0 7.0 10.5 5.5 5.6 15.3 9.4 8.2 3.0 7.0 26.5 5.5 3.6 15.1 3.0 0.0 0.0 0.0 27.5 7.9 26.1 24.0 39.6 24.2 32.1 28.8 25.0 24.7 5 1.5 3.5 1.4 0.0 0.0 0.0 5.4 5.3 2.9 7.3 25.7 22.6 22.4 16.0 28.1 17.7 5 1.5 5.8 1.3 2.2 0.0 0.0 0.0 5.4 5.3 2.9 5.3 7.6 4.8 6.7 5.9 6.3 5.1 1 17.7 1 17	HNO DIR	0-3	#11 4-10	ID SPE	22-33	15) 34-47	48+			00	03	06			15	18	21	
	NE E S S S W W NN VAR CALM TOT CMS	1.3 2.8 3.4 1.5 2.4 1.5 .7 .0	9.0 16.7 15.1 3.5 3.6 5.8 3.1	3.0 3.0 1.3 .0	.0	.0	••••••	9.8 27.5 21.5 5.4 6.0 8.9 4.1	6.5 7.9 7.1 5.3 4.5 7.3 6.0	9.1 26.1 27.2 2.9 8.7 4.3 4.3 .0	13.3 24.0 17.3 5.3 4.0 16.0 6.0 5.3	39.6 29.7 7.6 3.5 4.2 2.1	10.5 74.2 22.6 4.8 11.3 11.3 5.6 .0	5.8 32.1 22.4 6.7 2.9 8.3 4.8 .0	15.3 28.8 16.9 5.9 8.5 5.1 3.4	25.0 29.1 6.3 .0 12.5 2.3	8.2 24.7 17.7 5.1 6.3 8.2 2.5 .0 20.3	

					TAS	LE 3A						
WND DIR	0-6	WIND 7-16	SPEED 17-27		41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	HDU: 06 09	R (GHT: 12 15	1.0 21
NE E SE SW W NW VAR CALM TOT ORS	3.9 5.8 12.1 10.4 4.8 5.5 2.8 .0 11.4 298	1.3 4.1 14.5 10.9 1.3 1.2 2.6 1.3 .0	.0	.00		<b>49</b> 0	5.3 9.8 27.5 21.5 5.4 6.0 8.9 4.1 .0 11.4	5.2 6.5 7.9 7.1 5.3 4.5 7.3 6.0 .0	\$.0 11.3 29.0 22.0 4.2 8.3 10.4 5.2 .0 7.6 144	3.8 9.2 29.8 23.7 5.9 8.4 8.7 4.3 .01	2.7 9.9 30.7 20.1 6.4 5.3 6.9 4.2 13.9 137	0.1 8.6 24.8 20.7 3.4 4.5 9.5 2.5 0.0 11.1 100.0

and the same of th

PERIOD: (PRIMARY) 1921-1973 (DVER-ALL) 1869-1973	TARLE 4	AREA 0014 NÕRTHEASY JAVA SEA 4.78 114.0E
PEI	RCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)	
HOUR CALM 1-3	WIND SPEED (KNOTS) PCT 4-10 11-21 22-33 34-47 48+ MEAN FREQ	TOTAL OBS

HOUR	CALM	1-3	4-10		SPEED (		48+	MEAN	PCT FREQ	TOTAL
60300	7.6	16.0	42.5	13.9	.0	.0	.0	6.4	100.0	144
06609	6.1	22.4	60.2	10.2	1.0	.ŏ	,õ		100.0	94
12615	13.9	10.9	43.5	11.7		.0	.0		100.0	137
10621	18.0	8.1	63.1	10.8	.0	.0	.o		100.0	iii
TOT	54	69	306	58	ĭ	ŏ	Ö	6.1		490
PCT	11.4	14.1	62.4	11.6	.ž	.0	.0	•••	100.0	

TARLE 5 PCT FREG OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION								TABLE 6										
								PERCENTAGE PREQUENCY OF CEILING MÉIGHTS (FT,MM )4/8) AND OCCURRENCE OF MM <5/0 BY MIND DIRECTION										
WND DIR	0-2	3-4	5-7	B & DBSCD	TRTAL	MEAN CLOUD COVER	000 149	150 299	300 599	999	1000 1999	2000 3499	3500 4999	5000 6499	6500 79 <b>99</b>	8000+	NH <5/8 ANY HGT	
N NE	1.0	•0	. 3	1.0		5.6 5.0	•0	•0	.0	1.0	1.8	•0	.0	•0	•0	•0	2.5 1.0	
SE S	4.6 8.8	14.7	7 8.5	•0		4.8 3.5 6.7	•0	0. 0.	0	.0 1.0	3.9 1.5 2.6	1.0	1.0	•0	•0	•0	27.6 28.4 1.8	
SW W NW	.0 1.8 .5	1.9	4.9	1.0		5.6 4.7 4.0	•0 •0	•0	.0	2.1	.3	•0	.0	•0	•0	•0	1.0 5.9	
VAR CALM TOT DAS	5.2	2.1	3.1	•0	•	3.0 4.3	•0	• 0	•0	•0	1.0	1.0	.0	•0	0	.0	8.2 78	<u>.</u>
						703	Ÿ		×			_ •	- :	U	v	ÿ	'-	

TABLE 7

CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH 34/8) AND VSBY (NH)

AND THE PERSON AND TH

				VSBY (NH	1)			
CEILING	● DR	• CR	■ JR	. PR	e DR	• OR	• OR	= OR
(FEET)	>10	>\$	>2	>1	>1/2	>1/4	>5040	>0
. R >6500	.0	•0	.0	.0	.0	.0	•0	.0
DR >5000	.0	.0	.0	.0	.0	.0	•0	•0
DR >3500	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
OR >2000	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
DR >1000	15.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
DR >600	19.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
DR >300	19.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
DR >150	19.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
DR > 0	19.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
TOTAL	19	22	55	55	52	22	22	22

TOTAL NUMBER OF DBS: 98 PCT FREG NH <5/8: 77.6

TABLE 7A
PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 4 6 7 8 085CD 085 8.7 12.6 25.2 20.6 9.7 9.7 4.9 3.9 4.9 .0 103 **(**) O 0 0

								A	PRIL						
PER100:	(PRIMARY) 1 (OVER-ALL) 1	921-1973 869-1973		TABLE 8								ARE	A 0014	NORTHEAST JAVA SEA	
			•	ERCEN1											
	VSBY (NM)		N	NE	Ē	SE	\$	\$4.	w	NW	VAR	CALM	PCT	TOTAL OBS	
	<1/2	PCP ND PCP TOT %	•0	.0	•0	•0	•0	•0 •5	•0	•0	•0	•0	.0 .5		
	1/2<1	PCP NO PCP TOT %	.0	•0	•0	•0	•0	•0	.0	•0	.0	•0	.0		
	1<2	PCP NO PCP TOT %	.2	.2	•0	•0	•0	•0	.7 .2 1.0	.2	.0	•0	1.5		
	2<5	PCP NO PCP TOT %	.0 .2 .?	.0	•0	•0	•5 •0 •5	•0	.5	•0	.0	•0	1.0 .5 1.5		
	5<10	PCP NO PCP TOT %	1.0 1.0	.0 .7 .7	1.0 4.0 5.0	.0 2.2 2.2	•0	•n •1 •1	1.1 1.4	.2	.0	3.0 3.0	1.5 13.4 14.9		
	10+	PCP NO PCP	3.6	7.1	152	22.9	5.0	.0 3.1	5.6	.0	•0	.5 5.9	3.0		

PERCENT FRED OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY

2.2

VSBY (NM)	SPD KTS	N	٩E	£	SE	s	SW	Ħ	NW	VAR	CALM	PCT	TOTAL DBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.0		ŏ	.,	.0	ě	.0	••	.3	
	11-21	.0	.0	.0			.ŏ	.0	.0	.ŏ		.0	
	22+	.0	.0	.0			.ŏ	.0	ö			ŏ	
	TOT %	.0	.0		ě	•0	.;	.6	ŏ	.0	.0	:3	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.3	.3	
1/2<1	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		Ö	
	11-21	.0	.0	.0	.0	ò	.0	.0	.0	.ö		ŏ	
	22+	.0	.0	•0	.0	.0	.0	.0	.0	.0		ŏ	
	TOT \$	.0	.0	•0	.0	.0	.0	.0	.0	40	.3		
	0-3	.0	.0	•0	.0	•0	٠.	.0	.0	.0	.0	.0	
1<2	4-10	•1	.1	•1	•1	•0	.0	.3	.3	.0		1.1	
	11-21	•0	.0	.0	.0	.0	.0	.3	.0	.0		.3	
	22+	.0	.0	.0	•0	• C	.0	.0	.0	.0		.0	
	TOT \$	•1	•1	•1	-1	.0	•0	. •	.3	.õ	.0	1.4	
	0-3	.0	.0	.0	.0	.0	-1	-1	.0	.0	.0		
2<5	4-10	.7	.3		.6	.0	.1	1.0	.0	.0		3.2	
	11-21	.0	•0	•0	•0	.3	.0	٠٥.	.3	.0			
	22+	.0	.0	.0	.0	.0	.0	.3	٠.	.0		.3	
	TOT %	.7	.3	• 4	.6	.3	.3	1.4	. 3	.0	•0	4:3	
	0-3	.0	.0	.3	.3	.3	.0	٠.	.0	.0	1.7		
5<10	4-10	.6	• •	2.0	•7	. 2	-1		.4	•0		5.2	
	11-21	.0	.0	.6	.3	•0	.0	.0	.0	.0		. •	
	22+	.0	.0	•0	•0	•0	.0	.0	.0	.0		.0	
	TOT %	.6	.4	2.9	1.3	.5	-1	. 8	.4	.0	1.7	8,6	
• • •	0-3	. • •	1.0	3.0	3.7	1.6	1.9	.,	.0	.0	1.9	22.1	
10+	4-10	2.8	4.4	10.3	14.6	3.3	2.2	4.1	2.0	•0		52.4	
	11-21	.3	.3	5,6	3.1	,2	•0	1.0	•1	٠0.		10.6	
	22+	0		.0	.c	.0	•0	.0	.0	•0		0	
	TOT S	3.5	8.5	24.9	21.3	5.1	4.1	<b>6.7</b>	2.1	•0	6.9	<b>45.</b> 1	
	OT DES	4.9	9.4	28.3	23.4	5.0	4.7	9.5		_			349
	111 PC 1	7.7	V.	/				T-5	3.1	- 0	10.0	100.0	

PERIODI (PRIMA								APA				AR	IĒA 0014	HORTHEAST	
(CAEK-	-ALL) 1869-1	.973		PĒR	CENT #	REQUEN	CY_UF	TABLE CRILIN		HTS (#	ÈÈT, NH	>4/8) A		4.75 114.0	•
						00	CURREN	CE OF	NH <5/	8 BY H	DUR				
	HÖUR EGHT)	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	9000+	TÕTAL	NH <5/8 ANY HGT	TOTAL OBS	
	£0300	.0	.0	.0	5.3	10.5	5;3	5.3	.0	٠Ō	•0	26.3	73.7	19	
	<b>90380</b>	.0	.0	.0	•0	24.Õ	.0	8.0	•0	.0	•0	32.0	6 <b>8</b> . 0	25	
	12615	.0	3.0	٠Õ	4.1	6.1	•0	•0	.0	.0	.0	15.2	84.8	33	
	18621	.0	•0	.0	4.2	8,3	4.2	•0	.0	.0	•0	16.7	83.1	24	
	TOT PCT	.0	1.0	.0	4.0	11.9	2.0	3.0	.0	.0	.0	22 21.8	79 78 - 2		

				TABLE 1	1						TABLE	12		
		PERCENT	FREQUÉ	+CY VSBY	(NM)	BY HOUR		CUMULAT	TVE PC1	FREQ IG HGT	OF RAN	IGES OF NH >4/8	VSBY (NH)	AND/D
HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	€1000 <b>€5</b>	1000+ AND5+	NH:<5/8 AND 5+	TÜTAL DBS
60300	.0	.0	1.9	6.7	4.8	86.7	105	<b>ČO</b> 3ÔO	.0	•0	5,3	Žiái	73.7	Ĩ9
<b>9</b> 0380	.0	.0	•0	4.4	10.3	15.3	68	<b>6</b> 0360	.0	.0	.0	77,3	66.7	Ž4
12615	.0	1.1	1.1	1.1	9;8	87.Õ	92	12615	۵٠	3-1	9,4	ä.3	84.4	ãz
18621	1.2	.0	2.3	4.7	11.6	80.2	86	18621	,0	•0	4.3	13.0	82.6	23
TOT PCT	.3	.3	5 1.4	15 4.3	31 8,8	298 84.9	351 100:0	TÓT PCT	.0	1.0	5,1	17,3		98 100•0

					T	AALE 13	)									TABLE	14			
	PER	ENT	FRE	OUENC'	7 OF R	ELATIVE	HUPT	DITY B	TEMP	****			PER	CENT FR	EOUENCY	OF WI	4D DIRE	CTION BY	TEMP	
<b>TEMP F</b>	0-2	9 30-	39	40-49	50-59	40-69	70-79	80-89	90-100	TOTAL	PCT PREQ	N	NE	E	\$E	Š	SW	al N	IN VAR	CALA
85/89 80/84 75/79 TOTAL	, ,	0	.000	•0	•0	1.0	21.4 33.0 .0	8.7 27.2 1.9	1.9 3.9 1.0	34 66 3	13.0 64.1 2.9 100.0	1.0 2.4 1.0	1.0 3.2 1.0	17.2	20.4	1.5 3.6 .0	1.0	1.0	0 .0 7 .0 0 .0	4.8 4.8 1.0
PCT	•		.ŏ	•ŏ	•ŏ	1.0	54.4		6.8			4.4	9.1	34.4	25.0	5.1	1.2	7.5 .	.7 •0	14.6
					TAB	LE 15										TABLE	16			
	MEANS,	EXTRE	MES	AND	PERCEN	TILFS (	JF TEM	P (DEG	F) BY	HDUR			PERC	ENT PRE	DUENCA	OF REL	ATIVE H	YTIGINU	SY HOUR	
HOUR (GHT)	MAX	991	•	952	50%	51	18	MIN	HEAN 1	TOTAL OBS		HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL GSS
00603 00609 12615 18621	90 94 88 84	91 91		87 89 86 85	83 84 83 82 83	79 80 79 79	77 75 78 75 77	75 78	83.1 84.4 82.9	140 95 136		00£03 06£09 12£15	•0	•	2.9	42.1 82.6 51.4	34.8 13.0 42.9	4.3	62 77 79	19 23 35
18621 TOT	94	90	•	85 87	83	79 79	75 77	75 73	82.3 83.1	111		18621 TOT	.0	•0	•0	44.4	51.9 39		80	27 104

APRIL

PEKIOD: (PRIHARY) 1921-1973 (OVER-A\_L) 1869-1973

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TABLE 17

ARÊA 0014 HORTHÉAST JAVA SÉA 4,75 114.3E

PCT FRED OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION OF AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

		=_						
IR-SEA	73	77	81	85	#9	TOT		WO.
THP DIF	76	•0	84	88	92		FDS	FOG
11/13	.0	.0	.0	1.0	.0	2	.0	2.1
7/8	.ŏ	.0	1.0	. 5	.0		.0	.5
5		.0			.5	3 2 4 5	.0	1.0
7	٠×		.0		.6	7	ě	2.1
•	•0	•0	• • •	1.5		2		
3	.0	•0	.0	2.6	.0		•0	3.4
2	. ၁	•0	4.1	2.6	. 5	14	•0	7.2
ĭ	,0	•0	3.1	3.1	. 5	13	.0	6.7
4 3 2 1 0	.ŏ	. 5	11.3	3,6	.5	31	.0	15.9
Ÿ	• • •		****	5,6	:5	28	.0	14.4
-1	.0	•0	8.7					
-2	.0	1.0	23.1	1.5	.0	50	•0	25.6
-3	.0	• 5	4.6	.5	.0	11	•0	5.6
-2 -3 -4 -5	.5	3.1	8.2	. 5	.0	24	.0	12.3
-4	.5	1.0	1.0	ò	.0	- 5	.0	2.6
-6					.0	ź		
-9	.0	1.0	• •	•0		•	•0	1.0
-7/-8	.0	• 5	.0	•0	.0	ī	•0	.5
TOTAL	2		128		4		٥	195
	_	15		46		195		-
PCT	1.0	7.7	65.6		2.1	100.0		100.0

PERIOD: (OVER-ALL) 1963-1973

TARLE 18

				PC	T FREC (	IF WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)		
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT		1=3	4=1Ö	11-21	NE 22+33	34-47	48+	PCT
<1	1.0	10	•0	.0	.0	7.0	0		•0	7-10	.0	.0	.0	••	
1-2	:0	.0	1.6	.0	.0	•0	1.6		.4	ě	1.6	.0		.0	2.0
3-4	ě	:6		.0			1.0		.7	3.3	•••		.0		3.3
5-0	·ŏ	.ŏ	ŏ		.0	.ŏ	.0		ŏ	.0	.0	.0	•0	.0	.0
7	ĕ	.0	•0		.0		.0		ŏ	ŏ	.0	.0	•0	.0	.0
8-9	ŏ	ŏ	.0	.0	.0	·ŏ	ě		.0	.0	.0	.0	.0		.0
10-11	.0	.0	. 0	.0	.ŏ	.0	.0		ō	iò	.0	•0	.0	.ŏ	.0
12	.0	.ŏ	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	•0	.0	•0	.0		.0	.0	.0	.0	.0	.0	. 5
17-19	.0	.0	.0	.0	.0	.0	.G		.0	.0	.0	.0	•0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	-0	•0	.0	•0
33-40	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	•0	.0
41-48	.0	.0	•0	.0	.0	•0	.0		•0	•0	•0	•0	•0	.0	.0
49-60	.0	.0	•0	•0	.0	•0	.0		•0	•0	.0	•0	•0	.0	•0
61-70	.0	.0	•0	•0	•0	.0	•0		•0	.0	•0	•0	•0	.0	.0
71-86	•0	.0	•0	.0	.0	.0	•0		•0	•0	•0	.0	•0	•0	•0
87+	.0	.0	.0	•0	•0	.0	.0		•0	.0	.0	.0	•0	•0	•0
TOT PCT	•0	.0	1.6	.0	.0	.0	1.6		.4	3.3	1.6	•0	•0	.0	5.3
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.6		•0	•0	•0	•0	1.6		•0	• 0	•0	•0	•0	•0	• 0
1-2	2.5	17.2	8.6	•0	.0	•¢	20.3		• •	10.7	1.6	•0	•0	•0	12.7
3-4	•0	6.1	4.5	•0	•0	٠,	10.7		•0	5.0	2.0	.0	•0	•0	4.1
5-6	•0	•0	5.7	•0	•0	•0	5.7		•0	.0	9.0	•0	•0	.0	9.0
7 8-9	.0	.0	•0	•0	•0	•0	•0		.0	.0	1.6	•0	.0	.0	1.8
10-11	.0	:0	•0		.0	.0	.0		.0		•0	:0	.0	ö	
12	ö	:6	•0	.0	:0	.0	.0		ő	.0		.0	.0		٥٠
13-16	.ŏ		•0	.0	ě	.ŏ	.0		ŏ		.ŏ		ŏ	.0	.0
17-19		.ŏ	ě		٥٠	.ŏ	ĕ		ě	ŏ					ě
20-22	.0	.6	ò	.0	ŏ	.0			.0-	ŏ	.0	.0	•0	.ŏ	.0
23-25	ŏ	.ŏ	ň		.0	.0	.0	-	.0	ió	.0	.0	•0	0	.0
26-32	.0	.0	•0	.0	.0	.0	.5		.0	.0	•0	.0		.0	.0
33-40	ŏ	.0	•0		.0	• • •	·õ		ŏ	.0	.0	•0		.0	.0
41-48	. č	.0	.0	.0	.0		.0		iò	.0	.0	.0	•0	.0	.0
49-60	.0	.0	.0	.0	.0		ō		.0	.0	40	.0	•0-	.0	.0
61-70	.0	.0	.0	•0	.0	•0	.0		.0	.0	.0	.0	•0	.0	.0
71-06	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
87+	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
TOT PET	4.1	23.4	14.9	.0	.0	.0	46.3		.4	12.7	14.3	.0	•0	•^	27.5

PERIOD	: (OVE	R-ALL)	1963-1	1973					ĀPRIL				ARFA	0014	Matur	AST JAVA SE
								TABLE	18 (CONT	,				4.	75 114	131 JAVA 36
				₽0	T FREO	OF WIND	SPEED	(KTS)	AND DIRE	CTION 1	VĒRSUS S	EA HEI	GHTS (FT	)		
HGT	1-3	4-10	11-21	S 22-33								Sw				
<1		1.6	11-21	.0	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	
1-2	,ŏ	2.9	1.2	.5	.0	.0	1.6		•0	•¢	•0	٠.0	•0	.0	• • •	
3-4	.õ		.0	.ŏ	.ő		7.6		1.6	• •	•0	•0	•0	.0	2.0	
546	.0	.0	.0	.ŏ					.0	:0	•0	.0	•0	.0	•0	
.7.	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	-0	•0	•0	•0	
8-9	.0	.0	•0	.0	.0	.0	.0		ő		:0	.0	•0	.0	•0	
10-11	•0	.0	•0	•0	.0	•0	.0			.0		:0	.0	:0	•0	
12 13-16	•0	.0	•0	•0	•0	•0	.0		.0	.0		••	•0	:0	.0	
17-19	.0	٠,	•0	.0	•0	•0	.0		.0	.0	ĕ			ö	.0	
20-22	.0	.0	•0	•0	•0	•0	•0		•0	.0	.0	.0.	žŏ		.0	
23-25	.0	.0	•0	.0	.0	•0	•0		•0	• 2	.0	.0	.0	.ŏ	.0	
26-32	.ŏ	0	•0	•0	.0	•0	•0	-	•0	•0	.0	.0	.0	.0	.0	
33-40		.0	.0	.0	•0	•0	.0		•0	•0	•0	•0	40	.0	70	
41-48	.0	.0	ň	.0	.0	•0	•0		•0	•0	.0	•0	•0	•0	.0	
49-60	.0	.ŏ	•0	•0	.0	.0	.0		•0	•0	•0	.0	•0	.0	.0	
61-70	.0	.0	.0	0	.0	,0			•0	.0	•0	.0	•0	.0	.0	
71-56	•0	.0	•0	.0	.0	.0	.0		.0	.0	•0	•0	•0	•0	.0	
87+	.0	.0	•0	.0	.0	.0			ŏ		.0	.0	•0	•0	•0	
TOT PCT	•0	4.5	1.2	.0	.0	•0	5.7		1.6	.4	.0	:0	•0	•0	.0 2.0	
				w .								NH				TOTAL
HGT	1-3	4-10	11-21	22-93	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	41+	PCT	PCT
<1 1=2	•0	1.2	40	.0	•0	•0	1.2		•0		.0	.0	.0		-4	PC1
3-4	.0	1.2	.0	•0	.0	•0	1.2		.0	.4	.0	•0	.0	.0		
5-6	:0	.0	3.3	•0	•0	•0	3.3		.0	,0	.0	.0	.0		.0	
7.	.0	.0	•0	•0	•0	•0	•0		•0	• 0	.0	•0	ěŏ	.0		
8-9	.ŏ	.ŏ	•0	.0	.0	•0.	•0		•0	•0	•0	•0	•0	.0	.0	
10÷11	.0		ŏ	.0	.0	•0-	•0		•6	•0	٠.0	•0	•0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0		•0	•0	•0	•0	•0	•0	•0	
13-16	.0	.0	•0	.0	.ŏ	·ŏ	•0		•0	•0	.0	•0	+0	•0	.0	
17-19	.0	.0	.0	.0	.0		٥٠		•0	٥	•0	•0	•0	•0	•0	
20-22	.0	.0	.0	.0	.0	.0	ě		.0	.0	.0	٠٥	•0	•0	•0	
23-25	•0	.0	•0	•0	.0	,0	.0		ěŏ		.0	.0	•0	.0	•0	
26-32	•0	.0	•0	•0	•0	.0	.0		ěŏ	ű	.0	.0	•0	.0	•0	
33-40 41-48	:0	٠٥.	•0	•0	•0	.0	•0		.0	ō		:0	.0	.0	•0	
49-60	.0	•0	•0	•0	•0	•0	•0		.0	•0		:0			.0	
41-70	.0	.0	•0	•0	•0	•0	•0		.0	.0	.0	•0	•0	.0	.0	
71-86	:0	:0	•0	0	•0	•0	•0		.0	.0	.0	.0	•0			
87+	ö	:0	•0	•0	•0	•0	•0		•0	.0	.0	.0	•0	.0	ě	
TOT PCT		2.5	3.3	•0	•0	•0	.0 5.7		•0	•0	.0	.0	•0	.0	.0	
•				•0	•0	••	3.7		•0	. 4	.0	•0	•0	.0		95.1

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	6.6	3.3	•0	.0	.0	.0	9.8	DSS
1-2	4.9	32.8	14.8	.0	.0	.0		
3-4	.0	11.5	9.8	ŏ			52.5	
5-6			14.			.0	21.3	
7	.ö			•0	•0	.0	14.8	
8-9		•0	1.6	•0	.0	•0	1.6	
	•0	•0	•0	.0	•0	.0	.0	
10-11	.0	•0	.0	.0	.0	.0	.0	
12	.0	•0	.0	.0	.0	.0	.0	
13-16	.0	.0	• 0	.0	.0	.0		
17-19	.0	•0	.0	.0	.0	.ŏ	:ŏ	
20-22	.0	.0		ŏ	.ŏ			
23-25	•0	ŏ				•0	•0	
26-32	.0			•0	.0	.0	.0	
33-40		•0	.0	•0	.0	.0	•0	
	•0	•0	.0	•0	.0	.0	.0	
41-48	•0	•0	.0	• 0	•0	.0	.0	
49-60	•0	•0	.0	.0	.0	.0	.ŏ	
61-70	•0	.0	.0	.0	.0	.0	.0	
71-86	•0	.0	.0	.0	.0			
97+	•0	.0		.0	.0		•0	
		••	••	•0	•0	•0	•0	
TOT PET	11.5	47.5	41.0	•0	•0	.0	100.0	61

PERIO	ים) ים	/ER-ALI	.) 194	9-197	3				TABLE	19											
					PERCENT	FRE	BUENCY OF	WA	VE HEI	SHT TF	r; vs	MAVE P	ERIDO	(SECON:	0\$1						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-40	61-70	71-86	87+	TOTAL	MEAN
<6 6-7 8-9 10-11	•0	36.6 3.6 1.2	18.1 2.4 3.6	8.4 2.4 .0	.0 .0 1.2	.0	•0	.0	.0	.0	.0	•0	.0	•0	.0	:0	.0	.0	.0	62	HGT 2
10-11 12-13 >13	•0	•0	.0	1.2	.0	.0	•0	.0	••	.0	.0	•0	.0 .0	•0	.0	.0 .0	.0	.0	.0	1	5
INDET TOTAL	15	1.2	20	.0 10	.0 .0 1	.0	•0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	•	0
PCT	16.1	44.6	24.1	12.0	1.2	.0	•0	٠ŏ	٠ŏ	.ŏ	ìŏ.	70	.ŏ	.0		.0	. 0	0	Š	100.0	2

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PERIOD: (PRIMARY) 1923-1972 (OVER-ALL) 1859-1972 MAY

TABLE 1

AREA 0014 NORTHEAST JAVA SEA 4.75 114.0E

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PERCENT	FREQUENCY	OF	WEATHER	<b>OCCURRENCE</b>	BY	WIND	DIRECTION

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	PAIN Shur	ORZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THDR LTNG	FOG HO PCPN	FUG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUS BLWG SNO	
N NE E S S S N N V V C ALM	.0 .0 3.9 4.3 10.5	•••••••	••••••••••	00000000000	•••••••	00000000000	00000000000	3.9 4.3 10.5	.0 .0 .0 .0 .0	2.7 3.3 .0	.0 .0 .0 .0 .0 28.6	•00	.0 .0 .3 6.4 .0	• • • • • • • • • • • • • • • • • • • •	100.0 100.0 97.3 92.5 89.4 89.5 71.4 100.0
TOT PCT	2.4	•0	.0	.0	.0	.0	•0	2.4	•0	2.4	1.2	•0	.6	•0	93.5

TARLE 2

### PERCENT PREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN Shwr	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THDR LTNG	FOG WO PCPN	FOG WE PCPN PAST HR	SMOKE	SPRAY BLWG DUST BLWG SNOW	ND SIG WEA
00603 06609 12615 16621	3.5 2.6 2.8	.0 .0 .0 2.3	.0	.0	.0	.0	.0 .0	3.5 2.6 2.8 2.3	.0 .0 .0	.0 2.8 6.8	1.8 .0 .0 2.3	•0	.0 2.8 .0	•0 •0 •0	94.7 97.4 91.7 88.0
TOT PCT	2.3	.6	.0	.0	.0	.0	•0	2.9	•0	2.3	1.1	•0	.6	.0	93.1

TABLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		WIN	E SPEI	ED (KNE	15)								HOUR	(GMT)			
WND DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL DBS	PET FREQ	#EAN SPD	00	03	06	U <b>9</b>	12	15	18	21
N NE	1.0	1.0	.1 .6	•0	•0	•0		1.3	5.5	1:8	3.3	.0	2.5 5.8	5.9	1.0	3.8	11.2
E Se	2.9	22.2	11.3	٠2	•0	.0		36.6 39.5	9.1 9.2	42.0 43.8	35.3	40.5	27.5 39.2	29.7 47.7	38.5 35.4	50.0 39.4	39.6 35.8
S .	3.1	4.1	.6	.4	•0	•0		6.3	6.4	2.2	38.0	9.5	9.2	8.2	4.2	2.9	9.7
Şw	1.2	1.0	.0	.0	.0	• 0		2.3	4.2	1.4	1.6	11.2	3.3	1.6	2.1	.0	•7
N Nu	1.0	1.4	.0	.0	•0	•0		1.8	3.8 5.7	2.9	2.7	3.4	3.3 5.8	1.6	3.1 1.0	:0	.5
VAR	.0	.0	.0	.0	•0	.0		.0	.0	.0	•0	.0	.0	.0	• 0	.0	.0
CALP TOT DBS	3.3	276	108	2	0	٥	455	3.3	8:1	4.3 69	1.1	3.4 29	3.3 60	3.1	6.3	3.8 26	3.( 67
TOT PCT	14.9	60.7	23.7	.,	•0	•0		100.0	•••		100.0						

PA1	NLE	34

		WIND	SPEED	(KNOTS)						HOUR	(GHT	)
WND DIR	0-6	7-16	17-27	28-40	41+	TOTAL	PCT FREQ	HEAN SPD	09 03	06	12 15	18 21
N NE	1.1	2.5	•0	•0	.0		1.3	5.5	2.2 7.3	1.7	6:9	•0 9•1
ș. SE	11.0	23.9	1.5	•2	.0		36.6	9.1	38.2	31.7	33.5	42.5
\$	3.6	2.5	.2	•0	.0		34.5 6.3	6.4	3.7	9.3	6,5	7.8
SW	1.9	.4	•0	•0	.0		2.3	4.2 3.8	1.6 2.2	5.9 2.2	2.2	•5
NW	1.2		.0	•0	.0		2.0	5.7	1.9	5.1	1.3	•0
VAR Calh	.0 3.3	•0	•0	•0	•0		3.3	.0	.0 2.5	3.4	4.5	.0 3.2
TOT OBS	173	267 58.7	13 2.9	.4	.0	455	100.0	0.1	100.0	100.0	112	100.0

PERIODI	(PRIMARY)	1923-1972
	40.480	

TAPLE	4
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AREA 0014 NORTHEAST JAVA SEA 4.75 114.0E

PERCENTAGE	PREQUENCY	OF WIND	SPEED	BY HOUR	(GMT)

				MIND	SPEED (	KNRTS			PCT	TOTAL
HOUR	CALP	1-3	4-10	11-21	22-33	34-47	48+	HEAN	FREQ	Das
00603	2.5	13.0	57.1	27.3	.0	.0	.0	6.2	100.0	161
06609	3.4	18.0	53.9	23.6	1.1	.0	.0	8.0	100.0	19
12615	4.5	9.8	64.3	17.6	1.6	.0	.0	1.2	100.0	112
18621	3.2	5.4	68.8	22.6	.0	.0	.0	8.2	100.0	93
TOT	15	53	276	108	3	Ö	0	8.1	•	455
PCT	3.3	11.6	60.7	23.7	.7	•0	.0		100.0	

#### TAPLE 5

TABLE 6

P	CT FRE			CLOUD A		(EIGHTHS) MEAN		(					CEILIN NH <5/					
WND DIR	0-2	3-4	5-7	8 & 085C0	TOTAL CBS	CLOUD COVER	000 149	150 299	300 599	600 <b>99</b> 9	1000 1999	2000 3499	3500 4999	5000 6499	6500 7 <b>999</b>	#000÷	NH <5/8 ANY HGT	
N	.0	.0	.0	.0		•0	•0	.0	.0	.0	۰.0	.0	.0	.0	•0	.0	.0	
NE	.0	.0	.6	1.3		7.3	•0	.0	.0	.0	1.3	.6	.0	.0	•0	.0	•0	
E	8.4	11.7	21.8	•0		4.2	•0	.0	.0	• 0	7.1	3.2	1.0	•0	.0	-0	30.5	
ŠĒ	13.6	10.7	17.5	2.3		4.3	•0	.0	1.3	1.3	7.5	1.3	.3	•0	•0	.0	31.5	
Š	.0	1.0	3.9	•0		5.8	•0	.0	.0	.0	1.0	.0	1.0	•0	•0	.0	2.9	
ŠW	2.6	.0	.3	1.3		4.2	•0	.0	.0	.0	.0		.3	•0	•0	ō	3.7	
¥	.0	2.6	.0	•0		4.0	•0	.0	.0	.0	.0	•0	.0	•0	•0	.0	2.6	
Йĸ	Ĭ	.0	.0	•0		•0	•0	. 0	.0	.0	ě	.0	.0	·ŏ	.0	.0	•0	
VAR	.0	.o	.0	•0		•0	•0	, n	, õ				ŏ	.0		.0	ě	
CALM .	1.3	.0	•0	•0		2.0	•0	.0	.0	.0	.0	•0	ŏ	•0	•0		1.3	
TOT DES	20	20	34	**	77	4.3	**		• 1	• • •	13	• • • •	• • •	••	• • • • • • • • • • • • • • • • • • • •	• 7	36	77
TOT PCT	26.0	26.0	44.2	3.9	100-0		٠ŏ	•ň	1.3	1.3	16.9	5.2	2.6	٠ŏ	•ŏ	•0	72.7	100.0

# TARLE 7

# CUMULATIVE PCT FREG DF SIMULTANEOUS DCCURRENCE DF CEILING HEIGHT (NM >4/8) AND VSBY (NM)

				VSBY (NH	1)			
CEILING	• DR	• DR	- DR	- OR	• OR	e'OR	• DR	• OR
(FEET)	>10	>5	>2	<b>&gt;</b> i	>1/2	>1/4	>50YD	>0
■ DR >6500	.0	•0	.0	:0	.0	.0	•0	.0
<ul><li>OR &gt;5000</li></ul>	.0	•0	.0	.0	.0	.0	.0	.0
■ DR >3500	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
● DR >2000	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
- OR >1000	21.5	24.1	24.1	24.1	24.1	24.1	24.1	24.1
■ DR >600	22.8	25.3	25.3	25.3	25.3	25.3	25.3	25,3
<ul> <li>□R &gt;300</li> </ul>	24.1	20.6	26.6	26.6	26.6	24.6	26.6	26.6
● DR >150	24.1	26.6	26.6	26.6	26.6	26.6	20.6	26.6
# PR > 0	24.1	26.6	26,6	26.6	26.6	26.6	26.6	26,6
TOTAL	110	21	21	21	21	21	21	21

TOTAL NUMBER OF DBS: 79

PCT FREQ NH <5/81 73.4

#### TABLE 7A

### PERCENTAGE FREQ OF COW CLOUDS (EIGHTHS)

DOS	BSCD	•	7	•	5	4	3	2	1	0
81	-0	1.2	4.9	9.9	0.0	13.6	22.2	22.2	13.6	2.5

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149

.6 100.0

PERIOD: (PRIMARY) 1923-1972 (OVER-ALL) 1889-1972 AREA 0014 NORTHEAST JAVA SEA 4.75 114.0E PERCENT FREQ OF WIND DIRECTION VS DECURRENCE OR NON-DECURRENCE OF PRECIPITATION WITH VARYING VALUES OF VISIBILITY SE 5 VAR CALM •0 .0 .0 .0 .0 000 000 000 300 000 000 000 0000 0000 0000 0000 .0 000 000 000 000 0000 0000 0000 0066 .0 .0 000 000 000 000 •••• ••• ••• 000 000 000 .0 1<2 1.2 16.6 17.8 PCP NO PCP TOT % .0 1.5 1.5 .0 5.3 5.3 79.9 81.1 .0 .0 .6 20.8 34.8 26.8 35.4 1.8 .0 5.6 5.6 1.5 1.5 .0 0.

7.0

,我们就是我们的一个,我们就是我们的一个,我们就是我们的一个,我们就是我们的一个,我们就是我们的一个,我们就是我们的一个,我们的一个,我们的一个人,我们就是我们 第一个

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TOT PET

7.1 32.1 45.1

	PERCENT FREQ OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY												
VSBY (NM)	SPD KTS	N	NE	E	SE	\$	SW	W	NW	VAR	CALH	PCT	TOTAL DOS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.4	.1	.0	.0	.0	.0	.0		. 6	
	11-21	.ŏ	ě	. i	.i	ÃŎ	ō	.0	.0	.0		.3	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	•0	.0	. 6	.3	.0	.0	.0	.0	.0	•0	. •	
	0-3	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	
1/2<1	4-10	.0	•0	.0	.3	.0	.0	.0	.0	.0		.3	
•••	11-21	.0	.0	.0	.0	.ŏ	.0	.0	.0	.0		.0	
	22+	.0	.c	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	•0	.0	.0	.3	.0	•0	.0	.0	.0	•0	.3	
	0-3	.3	٠0	.0	.0	.0	.0	.0	.0	.0	•0	.0	
1<2	4-10	.0	.0	.0	.3	.0	.0	.0	.0	.0		.3	
	11-21	.0	.0	.0	, c	.0	.0	٠0	.0	.0		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	.0	.0	.3	.0	-0	•0	.0	.0	•0	.3	
	U-3	.0	.0	.0	.0	.0	.0	•0	.0	.0	.3	.3	
2<5	4-10	.0	.0	1.0	1.3	.0	.0	•0	.0	.0		2,3	
	11-21	.0	.0	.0	.3	.0	.0	.0	.0	.0		.3	
	22+	.0	.0	.0	.0	٠.0	.0	•0	.0	.0		.0	
	TOT \$	.0	.0	1.0	1.6	.0	•0	.0	•0	.0	.3	2,9	
	0-3	.0	.0	.0	1.2	.0	.0	.0	.3	.0	.6	2.1	
5<10	4-10	.0	1.0	2.5	2.9	.3	.0	.3	.0	.0		7.0	
	11-21	.0	.1	1.0	.3	.0	•0	.0	•0	.0		1.5	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	•0	1.2	3.5	4.4	.3	.0	.3	.1	.0		10.6	
	0-3	.3	.7	1.5	1.5	1.3	1.0	.4	.4	.0	2.1	7.4	
10+	4-10	1.0	4.5	20.5	22.6	2.9	.5	.7	1.2	.0		54.0	
	11-21	.1	.7	9.2	11.4	.2	.0	.0	.0	.0		21.7	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	1.5	5.9	31.3	35.6	4,5	1.5	1.2	1.6	.0	2.1	85.0	
	TOT ORS	1.5	7.0	• • •	42.4	4.8	1.5	1.5	1.9	.0		100.0	341

PERIODE	(PRIMARY)	1923-1972
	(OVER-ALL)	1840-1972

TABLE 10

AREA 0014 NORTHEAST JAVA SEA 4,75 114.0E

PERCENT	FREQUENCY OF				>4/8)	AND
	DCCHRRE	NE ME N	4 25/A BI	/ MEHID		

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	4000+	TOTAL	NH <5/4 ANV HGT	TOTAL 085
00203	.0	.0	4.5	.0	14.3	4,8	.0	.0	.0	۰۵	23.8	70.2	21
90360	.0	•0	.0	.0	26.3	5.3	10.5	.0	•0	•0	42.1	57.9	19
12615	.0	.0	•0	.0	15.8	10.5	.0	.0	.0	•0	26.3	73.7	19
18621	.0	•0	•0	4,5	9.1	.0	.0	.0	.0	.0	13.6	34.4	22
TOT	ů	0	1.3	1 1	13	4.0	, 2	0	0	0	21	7641	100.0

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VS81	/ (NM)	BY HOUR		CUMULAT					VSBY (NH) NUCH YBEE	
HBUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL
E0300	.8	.0	.0	4.0	10.5	84.7	124	00603	.0	4.8	4.8	19.0	76.2	21
<b>9036</b> 0	•0	.0	.0	.0	8.2	91.8	61	90349	•0	•0	.0	44.4	55.6	18
12615	1.2	1.2	1.2	3.6	10.7	82.1	84	12615	•0	•0	.0	26.3	73.7	19
18821	1.3	.0	•0	2.6	13.0	83.1	77	18221	•0	.0	4.8	4.5	65.7	21
TOT	3	.3	.3	10 2.9	37 1047	294 85.0	346 100.0	TOT PCT	2	1.3	2.5	19 24.1	58 73.4	79 100.0

TARLE 13

TABLE 14 PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

			T	ARLE 1	3									LYAPEE	44			
PERC	ENT FR	EPUENC	Y UF R	ELATIV	E HUMI	01TY B	Y TEMP				PER	CENT FR	EQUENCY	OF WIT	D DIRE	CTION BY	TEMP	
0-29	30-39	40-49	50-59	60~69	70~79	PO-89	90-100		PREQ	N	NE	Ε	SE	5	SW	₩ N	W VAR	CALM
•0	.0		•0	• • ¢		44.4	5.6	59	A1.9					5:2	4.5	<b>2:</b>	0 .0	1.4
	•0	• • • •	•0	1.4	47.2	44.4	6.9			•0	1.4	39.2	45.5	5.2	4.5	z. <b>s</b> .	0 .0	1.4
			TAR	LF 15										TABLE	16			
MEANS, E	XTREME	S AND	PERCEN	TILES	OF TEN	P (DEG	F) BY	HBUR			PERC	ENT FRE	EQUENCY	OF REL	ATIVE H	UMIDITY	BY HOUR	ı
MAX	994	95%	50\$	54	1%	414	MEAN '			HOUR (GMT)	0+29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
91	90	87	84	79	75	73		159		00603	•0	.0	•0	38.9	50.0	11-1	1	18
89																		16
				79														16 19 23 76
91	89	87	#3	79	75		43.1						ĭ			***	10	76
	0-29 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0-29 30-39 .0 .	0-29 30-39 40-49 .0 .	PERCENT FREQUENCY UF R 0-29 30-39 40-49 50-59 .0	PERCENT FREQUENCY UF RELATIV 0-29 30-39 40-49 50-59 60-69 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 TABLE 15 MEANS, EXTREMES AND PERCENTILES MAX 99% 95% 50% 5% 91 90 87 84 79 89 88 80 84 81 89 88 85 83 79 86 88 85 83 79 86 88 85 83 79	0-29 30-39 40-49 50-59 60-69 70-79  .0 .0 .0 .0 .0 .1.4 15.3 .0 .0 .0 .0 .0 .31.9 0 .0 .0 .0 .1 34 .0 .0 .0 .0 .1 34 .0 .0 .0 .0 .1 34 .0 .0 .0 .0 .1 4 47.2  TABLE 15  MEANS, EXTREMES AND PERCENTILES OF TEM MAX 99% 95% 50% 5% 1% 91 90 87 84 79 75 89 88 88 88 84 81 77 89 88 88 85 83 79 75 89 88 88 85 83 79 73 89 88 85 85 83 79 73	PERCENT FREQUENCY UF RELATIVE HUMIDITY B 0-29 30-39 40-49 50-59 60-69 70-79 R0-89 .0 .0 .0 .0 .0 1.4 15.3 .0 .0 .0 .0 .0 .0 1.3 1.9 44.4 0 .0 .0 .0 .1 31.9 44.4 0 .0 .0 .0 .1 34 32 .0 .0 .0 .0 .1 1.4 47.2 44.4  TABLE 15  MEANS, EXTREMES AND PERCENTILES UF TENP (DEG HAX 99% 95% 50% 5% 1% MIN 91 90 87 84 79 75 73 89 88 88 84 81 77 77 89 88 88 88 84 81 77 77 89 88 88 88 84 81 77 77 89 88 88 88 84 81 77 77 89 88 88 88 87 79 75 75 89 88 88 88 87 79 75 75 89 88 88 85 87 79 75 75 89 88 88 85 87 79 73 73	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100  .0 .0 .0 .0 .0 1.4 15.3 .0 1.4 .0 .0 .0 .0 .0 .1 34 32 55 .0 .0 .0 .0 .1 34 32 55 .0 .0 .0 .0 .0 1.4 47.2 44.4 5.6  TABLE 15  MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY MAX 99% 95% 50% 5% 1% MIN MEAN 91 90 87 84 79 75 73 83.5 89 88 88 84 81 77 77 83.9 89 88 88 84 81 77 77 83.9 89 88 88 84 81 77 77 83.9 89 88 88 84 81 77 77 83.9 89 88 88 84 87 75 75 82.8 89 88 88 84 87 75 75 82.8	PERCENT PREQUENCY OF RELATIVE HUMIDITY BY TEMP 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 DBS  .0 .0 .0 .0 .0 1.4 15.3 .0 1.4 13 .0 .0 .0 .0 .0 1.4 15.3 .0 1.4 5.6 59 0 .0 .0 .0 .0 1.3 1.9 44.4 5.6 59 0 .0 .0 .0 .0 1.4 47.2 44.4 6.9  TABLE 15  MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR MAX 99% 95% 50% 5% 1% MIN MEAN TOTAL DBS 91 90 87 84 79 75 73 83.5 159 89 88 88 84 81 77 77 83.9 85 89 88 88 88 84 81 77 77 83.9 85 89 88 88 88 84 81 77 77 83.9 85 89 88 88 88 84 81 77 77 83.9 85 89 88 88 88 84 81 77 77 83.9 85 89 88 88 88 84 81 77 77 75 82.8 111	PERCENT FREQUENCY UF RELATIVE MUMIDITY BY TEMP 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 DBS FREQ 0 0 0 0 0 14 15.3 0 1.4 13 18.1 0 0 0 0 0 1 34 32 5 72 100.0 0 0 0 1 34 32 5 72 100.0  TABLE 15  MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY MOUR HAX 99% 95% 50% 5% 1% MIN MEAN TUTAL DBS 91 90 87 84 79 75 73 83.5 159 89 88 88 84 81 77 77 83.9 85 89 88 88 84 81 77 77 83.9 85 89 88 88 84 81 77 77 83.9 85 89 88 88 84 81 77 77 83.9 85 89 88 88 84 87 79 75 75 82.8 111 88 88 88 85 83 79 75 75 82.8 111 88 88 88 85 87 79 73 73 82.1 92	PERCENT FREQUENCY UF RELATIVE HUMIDITY BY TEMP 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 DBS PREQ N  .0 .0 .0 .0 .0 1.4 15.3 .0 1.4 13.1 .0 .0 .0 .0 .0 .0 .0 .0 .1 .4 .5 .5 .5 9 81.9 .0 .0 .0 .0 .0 .0 .1 .4 .5 .5 .5 9 81.9 .0 .0 .0 .0 .0 .0 .1 .4 .5 .5 .5 9 81.9 .0 .0 .0 .0 .0 .0 .1 .4 .5 .5 .5 9 81.9 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	PERCENT FREQUENCY UF RELATIVE HUMIDITY BY TEMP  0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 DBS PREQ N NE  .0 .0 .0 .0 .0 1.4 15.3 .0 1.4 13.1 .0 .0 .0 .0 .0 .0 .0 1.3 1.9 44.4 5.6 59 81.9 .0 1.4 0 0 0 0 1 3 34 32 5 72 100.0 .0 1.4  .0 .0 .0 .0 .0 1.4 47.2 44.4 0.9 .0 1.4  TABLE 15  MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR  PERCENT FREQUENCY UF RELATIVE HUMIDITY BY HOUR  PERCENT FREQUENCY UF RELATIVE HUMIDITY BY TEMP  (GRT) 91 90 87 84 79 75 73 83.5 159 00E03 .0 89 88 88 54 81 77 77 83.9 85 08E09 .0 89 88 88 54 81 77 77 83.9 85 08E09 .0 89 88 85 83 79 73 73 82.8 111 12E15 .0	PERCENT FREQUENCY UF RELATIVE MUNIDITY BY TEMP 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 D85 PREQ N NE E .0 .0 .0 .0 .0 .1.4 15.3 .0 1.4 13 18.1 .0 .0 13.2 .0 .0 .0 .0 .0 .0 31.9 44.4 5.6 59 81.9 .0 1.4 20.0 0 0 0 0 1 34 32 5 72 100.0 .0 .0 .0 .0 1.4 47.2 44.4 6.9 2100.0  TARLE 15  MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HDUR PERCENT FRI HAX 99% 95% 50% 5% 1% MIN HEAN TUTAL D85 (GMT) 91 90 87 84 79 75 73 83.5 159 006.03 .0 .0 89 88 88 34 81 77 77 83.9 85 006.09 .0 .0 89 88 88 34 81 77 77 83.9 85 006.09 .0 .0 89 88 88 34 81 77 77 83.9 85 006.09 .0 .0 89 88 88 34 81 77 77 83.9 85 006.09 .0 .0 89 88 88 34 87 79 73 73 82.1 92 18221 .0 .0	PERCENT FREQUENCY OF RELATIVE MUMIDITY BY TEMP  0-29 30-39 40-49 50-59 60-69 70-79 R0-89 90-100 DBS PREQ N NE E SE  0 0 0 0 0 14 15.3 0 14 13 18.1 0 0 13.2 4-9  0 0 0 0 0 1 34 32 5 72 100.0 0 1.4 26.0 40.6  0 0 0 0 1 34 32 5 72 100.0 0 1.4 26.0 40.6  TABLE 15  MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY MOUR  PERCENT FREQUENCY  PERCENT FREQUENCY  N NE E SE  0 0 13.2 4-9  0 1.4 26.0 40.6  0 0 0 0 1 34 32 5 72 100.0  1 1 4 26.0 40.6  0 1 1 4 26.0 40.6  0 1 1 4 39.2 45.5  TABLE 15  MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY MOUR  PERCENT FREQUENCY  MAX 99% 95% 50% 5% 1% MIN MEAN TOTAL OBS (GNT)  91 90 87 84 79 75 73 83.5 159 00003 0 0 0 0 89 88 88 84 81 77 77 83.9 85 00009 0 0 0 0 89 88 88 84 81 77 77 83.9 85 00009 0 0 0 0 83 89 88 85 84 82 79 73 73 83.5 111 12015 0 0 0 0 88 86 85 84 82 79 73 73 83.2 192 18021 0 0 0 0 0	PERCENT FREQUENCY UF RELATIVE HUMIDITY BY TEMP  0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 DBS PREQ N NE E SE S  .0 .0 .0 .0 .0 1.4 15.3 .0 1.4 13 18.1 .0 .0 13.2 4.9 .0  .0 .0 .0 .0 .0 .0 .0 31.9 44.4 5.6 59 81.9 .0 1.4 26.0 40.6 5.2  0 0 0 0 1 34 32 5 72 100-0  .0 .0 .0 .0 1.4 47.2 44.4 6.9 TOTAL  MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR  PERCENT FREQUENCY OF REL.  HAX 99% 95% 50% 5% 1% 41% HEAN TOTAL  DBS  (GMT)  91 90 87 84 79 75 73 83.5 159 00203 .0 .0 40 38.9 89 88 88 84 81 77 77 83.9 85 00209 .0 .0 6.3 75.0 89 88 88 85 84 81 77 77 83.9 85 00209 .0 .0 6.3 75.0 89 88 88 85 84 81 77 77 83.9 85 00209 .0 .0 6.3 75.0 89 88 88 85 84 81 77 77 83.9 85 00209 .0 .0 6.3 75.0 89 88 88 85 84 81 77 77 83.9 85 00209 .0 .0 6.3 75.0 89 88 88 85 84 81 77 77 83.9 85 00209 .0 .0 6.3 75.0 89 88 88 85 84 82 79 73 73 82.8 111 12215 .0 .0 .0 .0 30.4	PERCENT FREQUENCY UF RELATIVE HUMIDITY BY TEMP 0-29 30-39 40-49 50-59 60-69 70-79 RO-89 90-100 DBS PREQ N NE E SE S SW .0 .0 .0 .0 .0 1.4 15.3 .0 1.4 18.1 .0 .0 13.2 4.9 .0 .0 .0 .0 .0 .0 .0 .0 13.4 44.4 5.6 59 R1.9 .0 1.4 26.0 40.6 5.2 4.5 : 0 .0 .0 .0 .0 .1 34 32 5 72 100.0 .0 1.4 26.0 40.6 5.2 4.5 :  TABLE 15  TABLE 16  MEANS, EXTREMES AND PERCENTILES UP TEMP (DEG F) BY HOUR  PERCENT FREQUENCY OF WIND DIRECTION OF TEMP (DEG F) BY HOUR  PERCENT FREQUENCY OF RELATIVE H  HAX 99% 95% 50% 5% 1% MIN HEAN TOTAL (GHT) 91 90 87 84 79 75 73 83.5 159 00003 .0 .0 .0 38.9 50.0 89 88 88 34 81 77 77 83.9 85 00009 .0 .0 6.3 75.0 12.5 89 88 88 34 81 77 77 83.9 85 00009 .0 .0 6.3 75.0 12.5 89 88 88 95 83 79 73 73 82.1 92 1821 11 12215 .0 .9 .0 47.4 52.6 86 85 84 82 79 73 73 73 82.1 92 18221 .0 .0 0 30.4 60.9	PERCENT FREQUENCY UF RELATIVE MUMIDITY BY TEMP  0-29 30-39 40-49 50-59 60-69 70-79 PO-89 90-100 DBS PREQ N NE E SE S SM M N  .0 .0 .0 .0 .0 1.4 15.3 .0 1.4 13 18.1 .0 .0 13.2 4.9 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	PERCENT FREQUENCY UF RELATIVE HUMIDITY BY TEMP  0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 DBS PREQ N NE E SE S SW W NN VAR  .0 .0 .0 .0 .0 1.4 15.3 .0 1.4 13 18.1 .0 .0 13.2 4.9 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

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PERIOD: (PRIMARY) 1923-1972 (OVER-ALL) 1889-1972

W. C.

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TABLE 17

AREA 0014 NORTHEAST JAVA SEA 4.75 114.0E

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PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	73 76	77 60	81 84	85	89 92	TOT	#DG	PDG PDG
7/8	.0	.0	.0	.0	.6	1 5	.0	
4	.0	.0	1.9	1.3	.0	5	.0	3.2
3	.0	.0	.0	1.3	.0	2	•0	1.3
2	•0	•6	5.8	3.9	.0	16	.0	10.3
ĭ	ě	·ò	3.9	3.2	.0	11	.0	7.1
ŏ	.0	.0	25.2	3.2	.0	44	.0	28.4
1 0 -1		•0		1.3	.0	21	.6	12.9
			22.6	.6	.0	38	.6	23.9
-1		•0	1.9	ō	.0	3	30	1.9
-2 -3 -4	1.3	3.9	3.2	ň	.õ	13	.0	8.4
-5				ö	.0	ĭ	. 0	.6
TOTAL	• 2	••	119	••	ĭ	•	2	153
10145		10	- 4 7	23	•	155	-	
PCT	1.3		76.8			100.0	1.3	98.7

PERIOD: (OVER-ALL) 1963-1972

THE PARTY OF THE P

				PC	T FRED O	F WIND	SPEED (	KTS	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)		
												NE			
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	0	0	.0	.0	.0	7.0			.0	•0	.0	•0	•0	.0	.0
1-2	.0	ě	.0	٥.		.ŏ	ŏ		.0	,	.0	.0	.0	.0	•0
3-4	. 0	.ŏ	.ŏ		.ŏ	.0	.0		.0	.0	.0	.0	•0	.0	.0
5-6	.0		.0	.0	.0	•0	.0		.0	.0	.0	•0	•0	.0	•0
7		.0	•0	•0	.0	.0	•0		.0	.0	.0	•0	•0	.0	•0
1-9		.ŏ	.0	.0	.0	.0	.0		.0	•0	•0	.0	•0	.0	•0
10-11	.0	.0	.0	•0	.0	•0	•0		•0	•0	•0	•0	•0	•0	•0
12	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	-0	•0	•0	•0
13-16	.0	.0	•0	•0	٠0	•0	•0		•0	•0	.0	.0	•0	•0	•0
17-19	•0	.0	•0	.0	• 0	.0	•0		0	•0	•0	•0	•0	.0	•0
20-22	.0	.0	•0	•0	.0	•0	•0		• 0	•0	•0	•0	•0	:0	.0
23-25	.0	.0	•0	.0	•0	•0	•0		•0	.0	•0	•0	.0	:ŏ	.0
26-32	.0	.0	•0	•0	.0	•0	•0		•0	.0	.0	.0	•0	:	.0
33-40	•0	.0	•0	•0	.0	٠0	•0		:0		.0	:0	ĕ	.ŏ	:6
41-48	.0	.0	•0	•0	•0	•0	•0		.0	.0	.0	.0	.0		.0
49-60	.0	.0	•0	.0	.0	.0	•0		.0			.0	.0	.ŏ	
61-70		.0	•0		.0		.0		.0	ŏ	.0		.0	.0	.0
71-86 87+	.0	.0	•0	.0	.0		.0		.0		.ŏ			ŏ	.0
TOT PCT	:8		•0	.0			.0		ŏ	iŏ		.0	•0	.ŏ	.0
101 -61	,,	••	•0	•••	••	•••	••		••	• •	• • •				
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	\$2-33	34-47	48+	PCT
<1	.0	.0	•0	•0	.0	.0	.0		•0	0	.0	•0	•0	•0	0
1-2	۰,0	15.2	3.8	•0	.0	•0	19.0		•0	24.5	2.7	•0	•0	.0	27.2 13.0
3-4	•0	10.3	9.2	•0	•0	•0	19.6		•0	7.1	6.0	.0	•0	:6	9.2
5-6	••	1.6	6.5	•0	.0	•0	8.2		•0	6		.0	.0	ö	.0
.7	•0	.0	•0	•0	.0	-0	•0		•0	:0	.0	:0	•0	:0	ě
1-7	•0	.0	•0	•0	.0	•0	•0		.0						.ŏ
10-11	.0	.0	•0	•0	.0	.0	.0		ŏ	:0	ě		ŏ	.ŏ	ŏ
12	.0	.0	•0	•0	.0	.0	:0		.0		.0	.ŏ	.0	.0	.0
17-19	:0	:0	.0		.0	:6	ě		ŏ	ŏ			•0	.0	.0
20-22	ĕ		•0	:0	ö	.ŏ	ö		.0	.0	.0		.0	.0	.0
23-25	:0	.0	.0	:0			.0		ň	.0	.0		.0	, ò	•0
26-32				.0	.ŏ		ě		.0	.0	.0	.0	.0	.0	•0
33-40	:ŏ		.0	.0	.ŏ		.0		.0	.0	.0	•0	•0	.0	•0
41-48	.ŏ		ŏ	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	•0
49-60	ŏ		.0	.0	.0	.0	.0		, o	.0	.0	.0	•0	.0	•0
41-70	ŏ		.õ	.0	.0	•0	.0		.0	•0	.0	•0	•0	•0	•0
71-04	.ŏ	.5	.0	•0	.0	.0	•0		.0	•0	•0	.0	•0	•0	•0
87+	.0	.0	•0	.0	.0	.0	•0		•0	0	0	.0	•0	.0	0
TOT PCT	.0	27.2	19.6	.0	.0	.0	46.7		.0	34.2	15.2	.0	•0	.0	49,5

PER 100:	COVE	1-ALL)	1963-1	972					nVA-				AREA	0014 N	ORTHEA!	ST JAVA SEA
V 6 - 100 ·	,,,,,,		.,,,,					TABLE	18 (CONT)	1				4.7	5 114	OE
				PC	T FREG S	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HFIG	HTS (FT)			
HGT <11=2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 49-60 61-70	1-3000000000000000000000000000000000000	4-10 .0 1.6 .0 .0 .0 .0 .0 .0 .0	11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	\$ 22-33 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	34~47 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	48.000000000000000000000000000000000000	PET .00 1.66 .00 .00 .00 .00 .00 .00 .00 .00 .00		300000000000000000000000000000000000000	4-10 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0	\$W 22-33 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	34-47 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	48+	F	
71-86 87+	.0	.0	0.0	.0		.0	•0		.0	.0	.0	.0	.0	.0	0.	
TOT PCT	.5	1.6	'n	.0	.ŏ	.0	1.6		.0	ŏ	.0	.6	•0	.0	.0	
HGT <1 1-2 3-4 5-0 7 8-9 10-11 12 13-10 17-19 20-22 23-25 20-32 33-40 61-70 71-86 87-	1-3	4-10 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	22-33 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	34-47 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	48.	PCT -00 -00 -00 -00 -00 -00 -00 -00 -00 -0		1-3	4-10	11=21 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	22-33 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	34-47 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	48.00.000.000.000.000.000.000.000.000.00	PCT	T117AL PCT
						MIND	SPEED	(PTS)	VS SEA HE	IGHT (I	FT)					
					HGT	0-3	4-10	11-21	22-33 3	4-47	48+		707 785			
					<1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 25 23-25 23-40 81-48 99-60 91-70 771-86 87 9-77 PCT	4.3	.0 40.4 17.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	-G 6.4 14.9 12.8 -C -C -C -C -C -C -C -C -C -C -C -C -C			.0 4	-3 -3 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	47			

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PERIOD: (DVER-ALL) 1949-1972 PFRCENT FREQUENCY OF

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.0 PERIOD (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 20-22 23-25 61-70 71-86 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 17-19 MEAN HGT 3 4 3 .0 .0 .0 .0 .0 .0 87+ .0 .0 .0 .0 .0 .0 12 13 TOTAL 38 19 2 0 0 0 7 62 100.0 1.6 .0 .0 .0 .0 .0 .0 .0 1-2 35.5 3.2 1.6 .0 .0 1.6 25 41.9 3-4 14.5 8.1 1.0 .0 .0 3.2 17 27.4 5-6 6.5 11.3 .0 .0 .0 .0 3-16 .0..0 49-60

AREA 0014 NORTHEAST JAVA SEA 4.85 113.9E PERIOD: (PRIMARY) 1919-1972 (OVER-ALL) 1858-1972 TABLE 1 PERCENT FREQUENCY OF MEATHER OCCURRENCE BY MIND DIRECTION OTHER WEATHER PHENOMENA PRECIPITATION TYPE FRZG SNOW OTHER HAIL PCPN AT PCPN PAST THOR PCPN OB TIME HOUR LING PCPN POG WO PCPN FOG WG SHOKE SPRAY PCPN HAZE BLWG DUST PAST HR BLWG SNOW RAIN DR7L SHHR RAIN 73.3 100.0 90.0 92.0 100.0 75.0 100.0 60.0 26.7 .0 .0 2.1 .0 .0 .0 00000000000 0000000000 0000000000 000000000 3.2 0.0 25.0 0.0 7.3 ...... .0 2.7 .5 .0 .0 .0 0000000000 00000000000 00000000000 0000000000 20.7 20.7 20.7 20.0 00.0 00.0 NE SE SU NA VAR .0

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TABLE 2
PERCENT FREQUENCY OF WEATHER DECURRENCE BY HOUR

and the second s

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	TENA	
HOUR (GHT)	RAIN	PAIN Shur	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST HOUR	THDR LTNG	FDG WD PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	ND SIG WEA
00603 06609 12615 18621	2.1 .0 4.3	4.2 2.1 .0	.0 .0 .0	.0 .0	•0	.0	•0	4.2 4.3 .0 4.3	4.2 4.3 .0	3.0 13.0	.0	•0	•0	•0 •0 •0	91.7 91.5 97.0 84.8
TOT PCT TOT CBS:	1.7 174	1.7	.0	•0	•0	.0	•0	3.4	2.3	4,0	•0	•0	•0	•0	90.6

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			55 <b>-33</b> EU (KNO		48+	TOTAL DBS	PCT FREQ	MEAN SPD	00	03	06	HBUR 09	(GHT) 12	15	18	21
N NE E SE S SH H Nb	1.6	1.3 1.7 27.7 27.6 2.7 .9 .3	10.4 21.3 1.3 1.3	.0 .1 .8 .0 .0	000000000000000000000000000000000000000	•0		1.8 3.6 34.8 51.0 4.5 1.3 .7	5.6 7.8 9.5 10.6 8.7 6.2 9.0 12.6	2.1 3.4 35.0 47.9 8.2 1.4 .0	1.8 29.9 57.9 5.5 .0	7.2 6.1 31.7 43.9 2.2 4.4 2.2 2.2	2.5 33.3 55.0 1.7 1.7	1.6 1.6 32.0 55.3 6.1 3.3 .0	2.3 4.5 44.3 42.0 2.3 .0	35.3 36.9 4.3	2.4 8.1 39.5 46.0 3.2 .0
CALP TOT CBS TOT PCT	1.8 31 6.8	261 57.2	159 34.9	1.1	0.0	•0	456	1.8	9;7	.0 73 100.0	2.4 \$2 100.0	100.0	5.0 60 100.0	01 100.0	4.5 44 100.0	3.4 29 100.0	•0 •2 100•0

					TAE	LE 3A						
NND DIR	0-6	WIND 7-16	SPEED 17-27	(KNQTS) 28-40	41+	TOTAL DBS	PCT FREQ	MEAN SPD	00	HBUI 06 09	12 13 15	18 21
N NE E SE S SW W NW VAR CALM TOT DOS	1.3 1.9 6.9 6.5 1.8 .3 .3 .0 1.8	331 72.6	.0 1.5 3.9 .3 .0 .0 .2 .0	••••••		454	1.8 3.6 34.8 51.0 4.5 1.3 .7 .7 .0 1.8	5.6 7.8 7.5 10.6 8.7 6.2 9.0 12.6	1.0 2.6 32.6 53.2 6.8 1.0 1.0 1.3 155	3.1 92.6 50.2 1.9 2.9 1.0 2.9 105	1.9 2.9 37.1 49.8 4.5 1.9 .0 1.9 105	1.6 5.5 38.2 40.5 3.6 .0 .0 .5 .0

The world the transfer than the same	No. of the second		meland	Suite P	17.16		Section 2		- الإلالية	day to gara	to being	Strain of the second	Maria Carlo	Contract of the	. X
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	PERIOD:	(PRIMARY) 1919-197	ž									ARE	¥ 001¢ `H	iOrtheast ji .65 113.98	AVA SEA
		(OVER-ALL) 1858-197	į					TAPLE 4					**		
				PERC	ENTAGE	FREQUE	NCY OF	WIND SP	EED SY	HOUR	(GMT)				
; -						WIND	SPEED (	KNOTS)			PCT	TOTAL			
		HOUR	CALM	1-3	4-10		22-33		48+	HEAN	FREQ	TOTAL OBS			
		00603	1.9	3.9	54.8	39.4		.0	.0	9.9	100.0	155			
		90340	2.9	4.8	54.3	35.2	2.9	.0	• 3	9.9	100.0	155			
		12615	1.9	6.7	67.9	28.6	1.1	.0	.0		100.0	105 91			
		18621 TOT	1.1	5.5 23	58,2 261	34.1 159	1.1	• 0	•	9.7	100.0	456			
÷		PCT	1.8	5.0	57.2	34.9	1.1	٠.	.0		100.0	. • •			

			T	ARLE 5								T	MELE					
	PCT FR			CLOUD A		(EIGHTHS)		1					CEILI . NH <5/		HTS (F			
NND DIF	0-2	3-4	5-7	8 &	TOTAL CBS	MEAN CLOUD COVER	000 149	150 299	300 5 <b>99</b>	600 999	1000 1999	2000 3499	3500 49 <b>9</b> 9	5000 6499	6500 79 <b>9</b> 9	8000+	NH <5/8 ANY HGT	TOTAL DBS
N	.6	.0	.9	1.1		6.0	•0	•0	.0	.0	•0	40	.c	•0	•0	•0	2.6	
NE		0	11.4	• • • • • • • • • • • • • • • • • • • •		4.8	•0	•0	.0	3.4	2.3	3.2	.0	•0	•0	.0	2.0 22.1	
e Se	19.3	18.1	16.7	7.2		3.6	•0	•0	1.1	3.4	5.7	1.4	.č	•0	.0	.0	42.5	
š	• • •	1.1	1.1	•0		4.1	•0	•0	.0	.0	.0	1.1	.0	-0	•0	•0	2.0	
SW	.0	1.1	1.1	2.3		6.5	•0	•0	•0	1.1	1.1	1.1	•0	•0	•0	•0	1.1	
W.	•0	.0	.0	•0		.•0	•0	•0	•0	•0	.0	•0	• 0	•0	•0	•0	2.3	
NW	•0	1.1	.0			6.0	•0	•0	.0	•0	.0	•0	•0	•0	•0	•0		
VAR	.0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	
CALN	.0	.0	•0	•0		•0	•0	•0	•0	•0	•0	•0	.0	•0	• 0	•0	•0	
TOT DES		23 26.4	27 31.0	11 12•6	87 100.0	4.2	•0	• ?	1.1	8.0	9.2	6.0	.0	•0	•0	•0	74.7	100.0

TAPLE 7 CUMULATIVE PCT FREQ DF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (N'S >4/8) AND VSBV (NH)

				VSBY (NI	4)			
CEILING	• DR	• DR	• DR	• DR	• BR	- OR	- 7R	• DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• nR >6500	.0	•0	.0	.0	.0	.0	•0	.0
■ DR >5000	.0	.0	.0	.0	.0	.0	.0	.0
• OR >3500	.0	.0	.0	.0	.0	.0	.0	.0
= DR >2000	5.7	6.9	6.9	6.9	6.9	6.9	6.9	6.9
■ NR >1000	14.9	16.1	16.1	16.1	16.1	16.1	16.1	10.1
■ DR >600	23.0	24.1	24.1	24.1	24.1	24.1	24.1	24.1
• OR >300	23.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3
■ DR >150	23.0	25.3	25.3	25.3	25.3	25.3	25.3	23.3
• DR > 0	23.0	25.3	25.3	25.3	25.3	25.3	25.3	25,3
TOTAL	20	22	22	72	22	22	72	22
TOTAL NUMB			17		PCT FREG	NH <5/81	74.7	

TABLE 74 PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

2.2 16.3 27.2 19.6 10.9 10.9 3.3 4.3

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JUNE

								J	UNE						
	(PRIMARY) 1 (OVER-ALL) 1							TAR	LE #				APE	A 0014	NORTHEAST JAVA SEA
			PE	RCENT	FREQ PREC	OF WING	D DIRE	CTION V Th Vary	S DECI	URRENCI ALUES 1	E OR N OF VIS	191L11	URRENC	€ OF	
	VSBV (NM)		N	NE	Ē	SE	\$	Sw	W	NW	VAR	CALM	PCT	TOTAL	
•	€1/2	PCP NO PCP TOT %	•0	•0	•0	•0	•0	•0	0	•0	.0	•0	.0		
	1/2<1	PCP NO PCP TOT \$	.0 .0	•0	•0	•0	•0	•0 •0 •0	.0	•0	•0	•0	.0		
	1<2	PCP NO PCP TOT %	•0	•0	.0	.6 .0	•0	•0 •0	•0	•0	.0	•0	.6		
	2<5	PCP ND PCP TDT %	.6 .0	.0	.0 .6	•0 •1	•0	•0 •0	.0	•0	•0	•0	.6 1.2 1.7		
	\$<10	PCP NO PCP TOT %	.0	.0	3.6 3.6	6.9 7.5	.0 .3	.0	.0	•0	.0	•0	11.6 12.1		
	10+	PCP NO PCP TOT %	.C 1.6 1.6	.0 1.6 1.6	26.4 27.3	.3 46.0 46.2	50 501 501	*0 1•7 1•7	.0	.6 .9 1.4	•0	•0	1.7 83.8 85.5		
		TOT DBS	2.2	1.4	31.4	94.4	4.4	2.1		1.4	.0	-0	100-0	173	ı

0

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,我们是这个时候,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们就是这个人,我们也是这个人,我们就是这个人,我们们就是这个人,我们们们们的 一个人,我们就是这个人,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是

				PERCEN	T FREQ WITH V		VALUES				ED		
VSBY (NH)	SPD KTS	N	NE	E	SE	\$	SW		NW	VAR	CALM	PCT	TOTAL Das
	0-3	.0	.0	.0	.0	.0	.0	٠,٥	.0	.0	.0	.0	
<b>C1/2</b>	4-10	.0	.0	.2	, 1	.0	.0	.0	.0	.0	• -	1.0	
	11-21	.0	.0	•0	.0	.0	.0	.0	.0	.0		ò	
	22+	.0	.0	• 0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	.0	•2	.8	.0	•0	•0	•0	.0	.0	1.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	.0	•0	•0	.0	•0	.0	.0	.0		.0	
	11-21	.0	٠٥	•0	•0	•0	•0	.0	•0	.0		.0	
	22+	.0	.0	•0	.0	•0	.0	.0	.0	.0		.0	
	TOT \$	•0	.0	•0	•0	•0	.0	•0	•0	.0	.0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
1<2	4-10	.0	.0	•7	1.6	.0	.0	.0	.0	.0		2.3	
	11-21	۰.	.,3	.0	•0	•0	•0	٠.٥	.0	.0		.,	
	22+	.0	٠,	•0	.0	•0	•0	.0	٠.٥	.0		.0	
	TOT \$	.0	.3	•7	1.6	•0	•0	.0	.0	.0	۰.	2.6	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
2<5	4-10	.3	.0	1.0	•7	•2	.0	•0	.0	.0		2.3	
	11-21	.0	.0	•0	•0	•0	•0	.0	•0	.0		.0	
	22+	.0	.0	.0	•0	•0	.0	٠0	•0	.0		.0	
	TOT \$	.3	.0	1.0	•7	.2	.0	.0	•0	.0	.0	2.3	
	0-3	.0	.0	.7	•0	.0	.0	•0	.0	.0	.0		
5<10		.0	.0	1.1	2.3	•2	.3	•0	.0	.0		3.9	
	11-21	•0	.0	1.1	2.1	•0	٠2	.2	٠.	.0		3,6	
	22+	•0	.0	.0	.0	•0	.0	•0	•0	.0	_	.0	
	TOT %	.0	.0	2.9	4.4	•2	.5	.2	•0	•0	.0	8,2	
	0-3	.3	. • 7	1.6	1.7	• 7	.3	•0	.3	.0	.3		
10+	4-10	•7	1.6	19.5	25.6	2.3	1.0	.3	.0	•0		51.0	
	11-21	.2	.,	7.3	18.1	1.4	.0	.0	• 5	•0		27,5	
	22+	.0	.0	• 5	1.1	.0	.0	٠.0	.3	••	_	1.6	
	TOT \$	1.2	2.5	28.5	46.6	4.3	1.3	.3		•0	.3	85.9	
	TOT ORS				_	_						_	306
	TOT PCT	1.6	2.9	33.3	54.1	4.7	1.8	.5		.0	.3	100.0	

TABLE 10

AREA 0014 NORTHEAST JAVA SFA 4.05 113.9E

PERCENT	FREQUENCY !	OF C	FILI	G HEIGHT	(FEET, NH	>4/81	AND

HOUR (GMT)	000 149	190 299	300 599	600 999	1000	2000 3499	1500	5000 6499	6500 7999	\$000+	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00803	.0	•0	-0	7.7	11.5	11.5	.0	.0	.0	•0	30.5	69.2	26
90340	.0	.0	.0	10.0	6.7	6.7	.0	.0	.0	•0	23.3	76.7	30
12615	.0	.0	•0	4.3	18.8	.0	.0	.0	•0	•0	25.0	75.0	16
18621	.0	.0	5.0	5.0	•0	5.0	.0	.0	.0	•0	15.0	#5.0	20
TOT PCT	.0	.0	1.1	7.0	8.7	4.5	.0	.0	0	.0	22	70 74.1	92

TABLE 11

TABLE 12

		PEPCENT	FREQUE	4CY VS81	( (NM )	BY 4CUR		CUMULAT					THM) YERV PUOH YESS	
HOUR (GHT)	<b>&lt;1/2</b>	1/2<1	1<2	2<5	5<10	15+	TOTAL OBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <b>&lt;5</b>	1000+ AND5+	NH <5/8 AND 5+	TOTAL DØS
00603	1.0	•0	3,4	1.0	2.9	91.4	105	EQ300	•0	•0	8.0	24.0	48.Ô	25
90340	.0	.0	1.4	2.9	8.7	87.0	69	90360	•0	•0	13.6	13.0	72.4	29
12615	1.6	.9	3,1	3.1	12.5	79.7	64	12615	•0	•0	•.7	20.0	73.3	15
18621	1.5	.0	1.5	2.9	11.8	82.4	68	18621	•0	5.6	11.1	5.6	83.3	16
TOT	3	٥	2.6	7	25	263	306	TOT	0	. 1	10.3	14	-,44	87

TABLE 13

TABLE 14

	PERC	ENT FR	EDUENC	Y OF R	ELATIV	E HUMI	DITY B	Y TEMP	TOTAL	PCT		PERC	ENT FR	EOUENC	Y 0F W	IND DIF	ECTIO	4 BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		PREG	N	NE	E	\$E	S	SW	Ħ	NH	VAR	CALM
90/94	.0	.0	•0	•0	1.1	1.1	.0	.0	2	2.1	.0	.0		.3	1.1	.0	.0	.0	.0	.0
85/89	.0	.0		•0	5.3	3.2	.0	•0		8.4	.0	.ė	4.7	2.0	.0	1.1	.ŏ	.0	•0	.0
80/84	.0	.0	.0	1.1			33.7	3.2	78	42.1	1.3	1.8	24.5	45.8	5.5	2.1		1.1	.0	
75/79	.0		.0	•0	1.1	.0	3,2	3.2	7	7.4	1.1		1.1	3.2	.0	1.1		1.1	.0	
TOTAL	0	0		1	. 10	43	35	6	95	100.0										
PCT	.0	.0	.0	1.1	10.5	45.3	36.8	6.3			2.4	1.5	31.1	51.8	6.6	4.2	.0	2.1	.0	.0

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR IR MAX 998 958 508 58 18 MIN MEAN TOTAL DBS 103 94 91 85 82 79 77 72 82.2 153 104 115 87 88 84 82 79 75 76 81.5 102 115 87 88 84 82 79 76 76 81.5 102 121 84 83 83 82 78 77 77 81.3 92 17 17 94 88 85 82 79 76 72 82.0 451

	PERC	ENT FRE	<b>BUENCA</b>	DE KELY	IIAE H	MIDITY	54 MODE	
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00£03 06£09 12£15	•0	3.8 .0	7.7 22.6 3.9	46.2 38.7 47.1	42.3 32.3 41.2	•.5 5.9	77 76 80	26 31 17
10621 TOT	•0	.0	10	52.4 43	33.3	14.3	81 78	21 95

JUNE

PERIOD: (PRIMARY) 1919-1972 (OVER-ALL) 1858-1972

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TABLE 17

AREA 0014 NORTHEAST JAVA SEA 4.05 113.7E

<u>خ</u>

OCT FRPQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG. (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	81	85	89	TOT	¥	WO
THP DIF	76	80	84	80	92		FÜG	FOG
7/8	.0	.0	1.3	.0	.0	2	.0	1.3
	.ŏ	.0	Ü	.0	.7	ĩ	•0	.7
ă	.0	•0	.7	.0	.7	•	.0	1.3
7		ě	.;	2.0	ö	•	.0	2.6
7	•0							
3	.0	•0	.0	1.3	.0	2	•0	1.3
Z	.0	•0	3.9	1.3	.0		•0	5.2
1	.0	•0	5.2	.0	.0		• 2	5.2
ŏ	.0	1.3		1.3	•0	42	. 0	27.5
-i	.ŏ	1.3		.0	.0	24	.0	15.7
				ŏ	.0	ñ		20.3
-2	.0	2.6					•0	
-3	.0	1.3	5.2	.0	.0	10	•0	6.5
-4	.0	3.9	2.0	.0	.0	•	•0	5.9
-4 -5	.0	3.9	.7	.0	.0	7	.0	4.6
-6	.0	•7	.ò	.0	.0	i		•7
		7			.0	ż		1.3
-7/-8	• 7	• 1	.0	•0		•		
TOTAL	1		117		2		0	153
		24		•		153		
PCT	.7		76.5	5.9	1.3	100.0		100.0

PERIOD: (3VER-ALL) 1963-1972

THE TOTAL PROPERTY OF THE PROP

				•6	T FRED O	F WIND	SPEED	(KTS) AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT)		
				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	•0	.0	•0	•0	•0	•0	.0	.0	•0	.0	.0
1-5	•0	1.0	•0	•0	•0	•0	1.6	•5	•0	•0	.0	•0	•0	•0
3-4	•0	.0	•0	.0	••	•0	•0	•0	•0	.0	.0	•0	•0	•0
5-6 7	•0	.0	•0	•0	.0	•0	.0	:0	.0	.0	.0	•0	.0	.0
4-9	.0	:0	•0	•0	.0	.0	.0	.0	.0	:0	:0	.0	ö	:0
10-11	.0	:0	.0	.0	.0	.0	.0	.0	.0	.0			.ŏ	
12	:0	.ŏ		.0	:0	.0	•0	.0	ě	.0			.5	.0
13-16	:5	ö	.0	.0	ŏ		•0	.0	ŏ	ě		30	.ŏ	.0
17-19	ŏ	.5	.0	.0	.0		.0	٥٠	ŏ	.0		•0	.ŏ	.0
20-22		ŏ	•0		iõ	.0		.0	ō			.o	·õ	.0
23-25		.0	ő	.0	.0	.0	.0	.0	ō	.0	.0	•0	.õ	.0
26-32		.ŏ	•0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0
33-40	. 0	.0	.0	.0	.0	•0	•0	.0	•0	.0	.0	.0	.0	.0
41-48	. 0	.0	.0	•0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	•0	.0	.0	•0	.0	.0	•0	•0	•0	•0	.0	.0
61-70	•	.0	•0	.0	.0	.0	•0	.0	.0	.0	.0	•0	.0	•0
71-86	.0	.0	•0	.0	.0	•0	•0	.0	•0	.0	.0	•0	.0	.0
87+	.0	.0	•0	.0	.0	•0	•0	.0	•0	.0	.0	•0	.0	•0
TOT PCT	.0	1.6	•0	•0	.0	•0	1.6	•0	•0	•0	.0	•0	.0	•0
HGT	1-3	4-10	11-21	E 22-33	34-47	48+	PCT	1-3	4-10	11-21	SE 22-33	34-47	48+	PCT
<1	.0	.0	•0	-0	.0	.0	.0	.0	•0	.0	.0	•0	.0	.0
1-2	. 0	13.9	1.2	.0	.0	.0	15.1	1.6	16.3	3,6	.0	•0	.0	21.4
3-4	.0	1.2	5.6	•C	.0	.0	6.7	.0	5,2	15.5	.0	•0	.0	20.6
5-6	.0	٠.	6.3	.0	.5	•0	1.3	•0	•0	1:.5	.0	•0	•0	17.5
7	• 0	.0	•0	•0	•0	•0	•0	••	•0	5.0	1.6	•0	•0	3.6
8-9	•0	.0	•0	.0	.0	•0	•0	•0	•0	.0	٠,	•0	.0	•0
10-11	•0	.0	•0	•0	.0	٠0	•0	•0	•0	•0	.0	•0	.0	.0
12	• 3	٠.	•0	•0	.0	.0	•0	.0		.0	.0	•0	:0	.0
13-16	.0	.0	•0	.0	.0	:0	•0	.0	.0	.0	.0	•0	.0	.0
17-19 20-22	:0		.0	.,	.0	.0	:0	Ö		.0	:0	•0		
23-25	.0		.0			ĕ		ő	iŏ			.0		ě
24-32			.0		ö			ŏ	.0	ě		•0	.0	.0
33-40	:0	:0	.0	.0	:0	:0	:0	.0	ě		:6	ě	ő	
41-48	ě		.0	:0	.c	.0	:0	ő	.0		:6	·ŏ	.ŏ	:6
49-40	.0	:	.0		.0			ŏ	ŏ			• 5	.0	
41-70	:3	:ŏ	č	ŏ	.ŏ			ŏ		.ŏ			ŏ	
71-86	.0		.0	.0		.0	•0	Ö	.0	.0	.0	•0	.0	.0
87+			.0	.0	.0	.0	•0	.0	.0	.0		•0	.0	•0
TOT PCT	ě	15.1	15.1	.0	.õ	.0	30.2	1,6	21.4	38.5	1.6	•0	•0	43.1

PER10Ō:	(OVE)	I-ĀLLĪ	1963-1	972					JUNE-				ARĒA	0014 N	ORTHEAS	ST. JAVA SĒĀ
			•						18 (CONT)						5 113	:9E
				PC	T FRED !	DF WIND	SPEED (	(TS)	AND DIREC	TION V	ERSUS S		HTS (FT)			
HGT <1 1-2 3-4 5-6 7 10-11 12 13-16 17-19 20-22 23-25 23-40 41-48 49-60 61-70 71-86 87+ TDY PCT	1-3	4-10 1.6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	11-21 .0 1.2 1.2 1.2 0.0 .0 .0 .0 .0 .0 .0 .0 .0	\$ 22-13 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	34-47 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	48+ 000000000000000000000000000000000000	PCT00 1.02 1.02 1.02 .00 .00 .00 .00 .00 .00 .00 .00 .00		123 00 00 00 00 00 00 00 00 00 00 00 00 00	4-10 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	11e21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	\$\\ \frac{2}{3} \\ \frac{3}{3} \\ \f	34-47 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	48+ ••••••••••••••••••••••••••••••••••••	000000000000000000000000000000000000000	
HGT 41 1=2 3=4 5=6 7 8=9 10=11 12-19-10 17=19-10 17=10 23=25 26=32 33=40 41=48	1-3	4-10	11-21 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	W 22-33 .00 .0 .0 .0 .0 .0 .0 .0 .0	34-47 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	48+ .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	PC 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1-3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	4-10 .00 .00 .00 .00 .00 .00 .00 .00 .00	11=21 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	NW 22-32 -00 -00 -00 -00 -00 -00 -00 -00 -00 -0	34-47 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	48.000000000000000000000000000000000000	PC 000000000000000000000000000000000000	TOTAL PCT
						KIND	SPEED IN	TS1	VS SEA HÉ	IĞHT EI	ĒT1					
					нет	0-3	_	-21		4=47		PCT	tuT			
-				- - -	1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 33-40 41-48 41-48 41-70 71-80	.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.8 4.2.2 4.8 3.2.2 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		.0 3	9.7 8.6 7.0 8.0 .0 .0 .0 .0 .0 .0	63			

HARMING BEFORE BERNELLE BERNELLE ANTER THE THE PROPERTY OF THE STATE OF THE PROPERTY OF THE PR

TABLE 19 10-11 \*\*\* 5-6 14.0 7.0 1.2 1.2 2.3 .0 1.2 23 26.7 12 .00.00.00 27.9 .0 .0 .0 .0 .0 1.2 25 29.1 3-4 17.4 7.0 .0 2.3 .0 .0 .0 23 26.7 000000000 64 13 2 3 2 3 2 3 2 5 2 86 100.0 7.0 ........ 0000000000 ....... ...... 000000000 0000000000 000000000 0000000000 000000000

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TABLE 1

ĀREA ODI4 NORTHEAST JAVA SEI

	_	_				-
CAPCHE	PREMIENCY	41.0	UDATUES	DCCURRENCE	AV CTUR	MIDERTINA

				RECĮĖI	TATID	N TYPË		-	-	-	DTHER	WEATHER	. PHĒNOI	HĒŅĄ	
WND DIR	RAIN	RAIN SHWR	DRZL	PRÍG PCPN	SNOW	OTHER FRZN JCPN	HAIL -	PCPN AT DB TIME	PCPN PAST HOUR	THOR	PÖG WD PÇPN	PUS NO POPH PAST HR	HAZE	SENG DUS	T 516
N	.0	.0	.0	.0	.0	.0	.0	٠ò	۰Õ	100.0	.0	.0	· .0	<b>30</b>	ō.
NE	.0	.0	.0	.0	.0	.0	.0	•0	•9	.0	·0-	0	.0	•0	100.0
E	1.6	1.8	.0	.0	.0	• 0	.0	3.5	•0	.0	•0-		•0	~ .0	96.3
58	.0	.0	.0	.0	.0	.0	• 0	•0	•0	0	- •0	.0	•0	· .0	100.0-
Š	.0	.0	.0	.0	.0	.0	.0	- • 0	•0	0	0	.0	•0	•0	1.0.0
Sir	.0	.0	.0	.0	.0	.0	.0	-0	•0	•0	.0	٠,	70	•0	100,0
	.0	.0	.0	.0	.0	.0	.0	-0	.0	.0	.0	.0	.0	.0	100.0
NA K	.0	ō	.õ	.õ	30		.0	.0	.0	.0	.0	.0	- 50	.0	100.0
VAR	.0	.o	.0	.0	٠.	.0	.0	.0	•0	.0	.0	.0	- •0	40	.0
CALM	.0	.0	.0	.0	.0		.0	•0	•0	.0	.0	.0	•0	ê0	.0
TOT PCT TOT Cas:	.5 185	.5	.0	.0	۰.	.0	•0	1.1	ě0 _	5	•0	•0	•0	•0	- 98,4

TABLE 2

## PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			1	RECIPI	 IÜLTAT	TYPE		-		77.	OTHER	LUEÁTHÉŘ	- PHEND	MENA _	
HOUR (GMT)	RAIN	PAIN Shur	ORTL			OTHER FRZN PCPN	HAIL	PCPN AT	PCPN PAST HOUR	THOR	FOG- WD:	FOG WO	-SHOKE HAZE		NO SIG WEA
00603 08609 12615 18621	.0 2.3 .0	2.0	.0	.0	.0	.0	.0 .0 .0	2.0 2.3 .0	.0	2.3 2.3	.0	•0 •0 •0	.0	.0 .0	100.0 98.0 95.3 97.7
TÖT PCT TOT OBS:	.5 186	.5	.0	•0	•0	éÕ	.0	1.1	•0	171	•0	=∎0	•0		97.8

#### TABLÉ-3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			22-33 22-33		48+	TOTAL DBS	PÇŤ FRFQ	NEAN SPD	60	ġ <b>3</b>	06	HOUR OF	(GMT) 12	15	18	21
N NE E SE SW W WAR VAR CALM TOT OBS TOT PCT	.0 .4 1.5 .6 .2 .1 .5 .0 1.3 22	.2 1.1 11.9 29.7 5.6 .8 .2 .2 .0	25.1 25.1 2.3 .0 .0 .0	.00.23	.00	000000000000000000000000000000000000000	473	1.6 29.3 56.5 8.5 1.3 .7 .0 1.3	11.5 10.6 8.5 7.5 12.8 3.4	.0 1.2 27.1 60.1 7.9 .0 2.4 .0 1.2	•0 •0 2•2 90		26.5 58.3 9.8 3.0 .0 .0 1.5 66	29.2 57.1 11.3 .0 .0 .0 .0 1.7 60	35.4 55.7 8.5 .0 1.2 1.2 .0 41	4.3 .0.5 22.8 57.6 7.6 1.1 .0 .0 .0 .0 .0 .0 .0 .0	.7 1.6 .0 1.4 .74

TABLE 3A

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL DBS	PCT FREQ	MEAN SPD	00 03	HDUR 06 09	(G4T) 12 15	18 21
N NE E SE SU W NU VAR	.2 .3 2.4 9.9 3.5 .2 .5	1.3 24.0 41.1 4.5 .2	.0 2.9 5.3 .5 .2 .0	.00			1.0 29.3 56.5 8.5 1.3 .7	6.0 9.6 11.5 10.6 8.5 7.5 12.8 3.4	.0 27.5 28.3 8.4 .6	.0 .5 28.4 57.3 9.0 3.9 .0	.0 .5 31.7 55.7 -10.1 .0 .5 .5	1.0 4.1 31.2 53.4 6.4 1.3 .5
CALM TOT OBS TOT PCT	1.3 91 19.2	338 71.5	43 9•1	.2	.0	473	100.0	10:4	172	103	101	1.0 97 100.0

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							ງຄຽ	Y				
PERIOD: (PRIMARY) (OVER-ALL)	1919-191						TARLE	4			AREA OO	14 NORTHEAST JAVA SEA 4.75 114.0E
			PER	CENTAGE	FREQU	ENCY OF	WIND 1	SPEED BY	/ HOUR	(GMT)		
	HOUR	CALM	1-3	4-10	WIND 11-21	SPEED 22-33	(KNOTS)	) 7 48+	HEAN	PCT FREQ	TOTAL OBS	
	00603 06609 12615 18621 TOT PCT	1.7 1.0 1.0 1.0	4.1 3.9 2.0 3.1 16 3.4	41.3 50.5 57.4 55.7 235 49.7	51.2 44.7 39.6 40.2 213 45.0	.0	.0	.0	10.2	100.0 100.0 100.0 100.0	172 103 101 97 473	

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,这个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就

	PCT FRED OF TOTAL CLOUD AMOUNT (EIGHTHS)											T/	ABLE 6					
	CT FRE		TOTAL	CLOUD A	HOUNT (	EIGHTHS; Mean		i	PERCEN	TAGE F	REQUEN	ICY OF	CEILIN	G HEIG	HTS (	FT/NH ;	94/8) JN	
WND DIR  N NE E S S S N N V A C A L T D T T T T T T T T T T T T T T T T T	0-2 .0 .0 10.3 18.5 1.4 .0 .0 .0 .0	3-4 .0 .0 14.0 14.0 3.1 .3 .0 .0 .0 .0 .23	5-7 1.4 1.4 8.6 24.3 .0 .0 1.4 .0 27 37.0	8 C 08SCD .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	767AL 085	CLOUD COVER 6.0 5.0 3.4 3.9 2.6 3.0 .0 7.0	000 149 .0 .0 .0 .0 .0 .0	150 299 •0 •0 •0 •0 •0 •0 •0	300	600 999 .0 .0 .0 .0 .0 .0 .0	1000 1999 1.4 .0 2.7 9.6 .0 .0 1.4 .0 .0	2000 3499 .0 .0 .7 .7 .0 .0 .0 .0 .0	3500 4999 .0 .0 .7 .7 .0 .0 .0 .0	3000 6499 •0 •0 •0 •0 •0 •0 •0				TOTAL DBS

TABLE 7

CUMULATIVE PCT PRED DF SIMULTANEOUS DECURRENCE DF CEILING HEIGHT (NH >4/8) AND VSBY (NH)

CEILING (FEET)	• GR >10	• OR >5	• DR >2	VSBY (NH # 17R >1	• OR • 1/2	• OR >1/4	- DR >50YD	- DR
• UR >6500 • TR >5000 • UR >5500 • UR >3500 • UR >2000 • UR >1000 • UR >600 • UR >600 • UR >500 • UR >500 • UR >150 • UR >150	.0 1.4 2.7 16.4 17.8 17.8 17.8	.0 1.4 2.7 17.8 19.2 19.2 19.2	.0 1.4 2.7 17.8 19.2 19.2 19.2	.0 .0 1.4 2.7 17.8 19.2 19.2 19.2	.0 1.4 2.7 17.8 19.2 19.2 19.2	.0 1.4 2.7 2.7 19.2 19.2 19.2 19.2	.0 1.4 2.7 17.8 19.2 19.2 19.2	.0 1.4 2.7 17.8 19.2 19.2 19.2

TOTAL NUMBER OF OBS: 73 PCT FREG NK <5/81 80

TABLE 7A PERCENTAGE FREQ OP LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 OBSCO OBS 5.2 22.1 27.3 16.9 9.1 11.7 6.5 .0 1.3 .0 77

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							J	ULY						
(PRIMARY) 1 (OVER-ALL) 1							TAB	LE 8				ARE	A 0014	NORTHEAST JAVA SEA 4.75 114.0E
		PE	RCENT	FREQ PREC	OF WINS	DIREC	TION V	ING VA	RRENCE LUES C	E OR N	IBILIT	URRENC Y	E OF	
VSBY (NH)		H	NE	E	SE	\$	Sw	W	NW	VAR	CALH	PCT	TOTAL	
ţ	PCP	.0	.0	•0	.0	•0	•0	.0	.0	.0	.0	.0		
<1/2	NO PLP	.0	•0	•0	.0	•0	•0	.0	•0	.0	• 0	.0		
	TOT %	.0	•0	•0	•0	•0	•0	.0	•0	•0	•0	.0		
	PCP	.c	.0	.0	.0	•0	•0	.0	.0	.0	.0	.0		
1/2<1	NO PLP	.0	.0	.0	.0	•0	•0	0	.0	.0	.0	.0		
	tot #	.0	.0	.0	• 0	•0	•0	.0	•0	.0	.0	.0		
	PCP	.0	.0	.0	•0	.0	• 0	.0	.0	.0	•0	.0		
1<2	NO PCP	ō	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
	TOT &	.0	.0	.0	.0	•0	•0	.0	•0	.0	•0	.0		
	PCP	.0	.0	.0	•0	.0	•0	.0	.0	.0	•0	.0		
2<5	NO PCP	.0	.0	ŏ	.0	.0	•0	ò	.0	.0	•0	ō		
	TOT \$	.0	.0	.0	•0	•0	•0	.0	• >	.0	•0	.0		
	PC D	.c	.0	.5	.0	.0	•0	.0	.0	•0	.0	.5		
5<10	NO PCP	.0	1.1	5.0	12.8	2.7	•0	ō	.0	.0	• • • •			
	TOT %	.0	1.1	5.5	12.8	2.7	•0	.0	.0	•0	•0			
	PCP	.0	.0	.5	•0	•0	.0	.0	•0	.0	.0	.5		
10+	NO PCP	. 3	. 5	24.5	45.8	4.7	.4	.3	.5	.0	•0	77.3		
	TOT %	.5	. 5	25.0	45.8	4.7	.4	.3	.5	.0	•0	77.8		
	TOT DAS												185	
	TOT PCT	. 5	1.6	30.5	58.6	7.4	.4	, 3	.5	.0	.0	100.0		

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	PERCENT FRED OF MIND OPRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY													
VSBY (NH)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL DBS	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
<1/2	4-10	.õ	.0	.2	.2	iŏ	.ò	.0	.0	.ŏ		ä		
	11-21	•0	.0	. 9	.3	ŏ	.0	.0	.0	.o		1.2		
	22+	.0	.0	ò	.0	.0	.0	.0	.0	.0		.0		
	TOT \$	.0	.0	1.1	.5	ō	.0	•0	•0	.ŏ	.0	1,5		
	0-3	.0	.0	.0	•0	.0	.0	.0	•0	.0	.0	.0		
1/2<1	4-10	.0	.0	.0	•0	.0	.0	.0	.0	.0		.0		
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0		
	22+	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0		
	TOT \$	.0	.0	•0	•0	.0	•0	•0	.0	.0	•0	.0		
	0-3	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0		
1<2	4-10	.0	.0	.2	.3	12	.0	. 0	.0	.0		.6		
	11-21	.0	.0	•0	٠.	.0	.0	٠.٥	.0	.0		.0		
	22+	.0	٠٥	•0	•0	•0	•	. 0	.0	.0		.0		
	TOT \$	.0	•0	•2	.3	• 2		•0	•0	.0	•0	.6		
	0-3	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0		
2<5	4-10	•0	•0	.3	.3	.3	.0	•0	.0	.0		,9		
	11-21	.0	•0	• 2	.5	.0	.0	•0	.0	.0		.6		
	22+	•0	•0	•0	•0	•0	.0	•0	.0	.0		0		
	TOT \$	.0	•0	.5	.8	.3	•0	•0	•0	•0	•0	1.5		
	0-3	.0	.0	.0	.2	.5	.0	.0	.0	.0	.0			
5<10	4-10	•0	. 3	1.4	4.0	.5	.0	•0	.0	.0		6.1		
	11-21	.0	.3	2.4	3.5		٠Ç	•0	•0	.0		6.7		
	22+	•0	.0	•0	.0	•0	.0	.0	.0	.0		.0		
	TOT \$	•0	.6	3,4	7.6	1.5	•0	.0	•0	.0	•0	13,5		
	0~3	.0	.0	.0	. 9	.3	.0	•0	•0	.0	. •	2.1		
10+	4-10	.3	.6	10.7	23.5	4.1	• •	• 2	. 3	•0		40.2		
	11-21	.0	.0	14.5	24.4	1.0	•0	.0	.0	.0		40.2		
	22+	.0	•0	.2	• 1	.0	•0	•0	•0	•0		3		
	TOT %	.3	. 6	25.8	48.7	5.4	.4	• 2	.3	.0	.9	82.8		
	INT ORS								_		_		326	
1	TOT PCT	.3	1.2	31.2	58.1	7.4	• •	•2	. 3	•0	.9	100.0		

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PERIODI	(PRIMARY)	1919-1970
-	(DVER-ALL)	1858-1970

TABLE 10

AREA 0014 NORTHEAST JAVA SEA 4.78 114.0E

PERCENT	FREQUENCY D	F CEI	CING	HEIGHTS	(FEET, NH	>4/81	AND

HOUR (GHT)	000 149	150 299	300 399	999	1000 1999	2000 3499	9500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00603	.0	.0	.0	5.3	15.8	5,3	5.3	.0	.0	•0	31.6	68.4	19
90360	.0	.0	.0	•0	23.8	•0	.0	•0	.0	•0	23.8	76.2	21
12615	.0	.0	.0	.0	5.9	.0	.0	.0	.0	•0	5.9	94-1	17
15381	.0	.0	.0	.0	10.5	.0	.0	.0	.0	•0	10.5	89.5	19
TOT	0	0	0	1.3	11	1.3	1.3	0	0	0	14	62 81.6	76

TABLE 11

TABLE 12

		PERCENT	FREGUENCY	/ V\$8Y	(NM)	MY HOUR		CUMULAT					VSBY (NM)	
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL GBS	HOUR (GHT)	<150 <50YD	<600 <1	<1000 <b>&lt;</b> 5	1900+ AND5+	NH <5/8 AND 5+	TOTAL DRS
00203	1.7	.0	.8	1.7	10.1	85.7	119	00803	•0	.0	5.3	26.3	68.4	19
90360	1.5	.0	1.5	•0	20.6	76.5	68	90360	.0	•0	.0	26.3	73.7	19
12615	1.4	.0	•0	2.8	14.1	81.7	71	12615	.0	•0	.0	6.3	93.2	16
18621	1.4	.0	•0	1.4	11.6	85.5	69	18621	•0	.0	.0	10.5	89.5	19
TOT	1.5	0	2	, 5	12.5	271	327	TOT	0	0	, 1	13	59	73

TABLE 13

TABLE 14

	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP												ENT FR	EQUENC	Y OF H	ND DIR	ECTIO	N BY T	E M P	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	DES	FREQ	N	NE	E	SE	\$	SW	Ħ	NW	VAR	CALM
90/94 85/89	.0	.0				3.1	.0	.0	1 5	1.0	0.0	.0	1.6	1.0	.0	.0	.0	.0	.0	:0
80/84 75/79 TOTAL	.0	.0	•0	•0	.0	47.4 2.1 51	34.0 5.2 38	.0	84 7 97	7.2 100.0	1.0	1.0	27.6	49.2 5.7	6.7	.0	.0	.0	•0	:0
PCT	.0	.0	•0	•0	6.2	52,6	39.2	2.1			1.0	1.0	29.9	59.3	7.5	.3	.0	1.0	.0	٠.

TARLE 15

TABLE 16

	HEANS,	EXTREM	ES AND	PERCEN	TILES	OF TE	4 <b>P</b> (DE	G F) \$	Y HOUR
HOUR (GHT)	MAX	99X	95%	50%	54	14	MIN	MEAN	TOTAL
60300		87	84	82	78	76	75	81.6	171
90340	91	90	87	82	79	73	73	82.5	101
12615	84	83	83	81	78	75	75	80.9	102
18621	14	83	82	81	78	76	78	80.5	97

	PERC	ENT FRE	QUENCY	OF RELA	TIVE H	PTIGIN	BY HOUR	
HOUR (GMT)	0-29	30-59	60-69	70-79	40-49	90-100	MEAN	TOTAL
60300	•0	•0	9.1	54.5	36.4	.0	77	22 27
40340	.0	•0	14.8	48.1	37.0	.0	77	
12615	.0	.0	•0	89.7	25.9	7.4	79	27
18221	.0	.0	.0	40.9	59.1	.0	81	22
TOT	Ö	Č		52	30	2	79	ÝB

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JULY

PERIOD: (PRIMARY) 1919-1970 (OVER-ALL) 1858-1970

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TABLE 17

AREA 0014 NORTHEAST JAVA SEA 4.75 114.0E

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPEPATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	73 76	77 80	81 84	85 88	89 92	TOT	# FDG	MO FOG
9/10	.0	.0	.0	.0	.6	1	•0	.6
5	.0	.0	1.2	1.2	1.2	6	.0	3.6
	.0	.0		1.8	.0	i	.0	4.8
2	.0	.0	13.3	1.2	.0	24	.0	14.5
2 1	.0	.0	10.3	.0	.0	17	.0	10.3
Ō	.0		27.9	.0	.0	52	.0	31.5
-1	.0	4.8	7.9	.0	.0	21	•0	12.7
0 -1 -2 -3	.0	6.1	7.3	.0	•0	22	.0	13.3
-3	.0	2.4		.0	.0	6	•0	3.6
-4	.0	2.4		.0	•0	6	.0	3.6
-5	. 6	.6		.0	.0	2	.0	1.2
TOTAL	ì		121	-	3	-	0	165
		33		7		165		• • •
PCT	.6		73.3	4.2	1.8	100.0		100.0

PERIOD: (OVER-ALL) 1963-1970

				PC	T FRED	OF WIND	SPEED	(KTS)	AND DIRE	/ MOITS	ERSUS S	SEA HEIG	HTS (FT)		
				N								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	•0	.0	•0	•0	.0	• 0	.0		•0	•0	•0	•0	•0	•0	•0
1-5	•0	2.0	•0	•0	.0	•0	2.0		•0	•0	•0	•0	•0	•0	•0
3-4 5-6	•0	.0	•6	.0	.0	.0	•0		•0	•0	•0	•0	•0	.0	•0
7 <b>-</b> 0	•0	•0	•0	.0	.0	.0	•0		•0	.0	•0	•0	•0	•0	•0
8-9	.0	.0	•0	•0	.0	•0	•0		•0	.0	•0	•0	•0	•0	•0
10-11	.0	.0	•0	•0	.0	•0	•0		•0	.0	•0	•0	•0	.0	•0
12	.0	.0	•0	.0	.0	.0	.0		•0	.0	.0	•0	•0	.0	•0
13-16	ŏ		.0		ŏ		ŏ		ŏ		.0		.0	.0	:0
17-19	ŏ		.0	.0			.0		ŏ	٥	.0		•0	.0	.0
20-22	.0	.0	ŏ	.0	ō		ě		ŏ	.0	ŏ	:0	.0	.0	.0
23-25	. 0	.0	.0	.0	.0		.ŏ		ŏ	, ŏ			ŏ	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0		.0	.0	.0
33-40	.0	.0	•0	•0	.0	.0	ŏ		ō	ō	.0	.0	•0	.0	•0
41-48	.0	.0	.0	•0	.0	.0	.0		·õ	.0			•0	.0	•0
49-60	.0	.0	.0	.0	.0	.0	.0		.0	.0		.0	•0	.0	•0
61-70	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	•0
71-86	.0	.0	•0	•0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
87+	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
TOT PCT	.0	2.0	•0	•0	.0	.0	2.0		.0	.0	.0	.0	.0	.0	.0
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	•0	٠٥	.0	•0	.0		•0	.0	.0	•0	•0	.0	•0
1-2	.0	1.5	2.0	.0	.0		3.6		.0	4.6	18.9	.0	•0	.0	23.5
3-4	.0	5.1	18.4	•0	.0	•0	23.5		.0	7.1	16.3	.0	.0	.0	23.5
5-6	.0	1.5	3.6	.0	.0	.0	5.1		.0	2.6	10.7	.0	•0	•0	13.3
7_	•0	•0	•0	•0	•0	.0	.0		•0	.0	•0	•0	•0	.0	•0
8-9	•c	•0	•0	•0	.0		.0		•0	•0	•0	•0	•0	•0	•0
10-11	•0	•0	•0	.0	.0	.0	•0		•0	.0	.0	.0	•0	.0	.0
12	•0	.0	•0	•0	.0	•0	.0		•0	•0	•0	•0	•0	.0	•0
13-16	.0	.0	•0	.0	.0	.0	•0		•0	•0	•0	•0	•0	.0	•0
17-19	•0	•0	•0	•0	.0	.0	•0		•0	•0	•0	•0	•0	•0	•0
20-22	.0	.5	•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	.0	•0
23 <b>-25</b> 2 <b>6-3</b> 2	٠.٥	.0	•0	٠.	.0	•0	•0		•0	•0	.0	•0	•0	•0	•0
33-40	•0		•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	.0	•0
33-40 41-48	.0	.0	•0	•0	•0	.0	•0		•0	•0	•0	٠0	•0	•0	•0
49-60	.0	.0	•0	•0	.0		•0		.0	•0	.0	.0	•0	•0	•0
41-70	.0	:0	•0	.0	.ú	.0	•0		•0	:0	•0	•0	•0	٠0	•0
71-86	.0	.0	•0	.0	.0	.0	•0		•0	.0	•0	•0	•0	•0	.0
67+	:0	:0	•0				•0		•0	:0	•0	•0	•0	•0	•0
TOT PCT	.0	8.2	24.0	.0	.0	.0	32.1		•0	14.3	45.9	•0	•0	.0	•0.2
101 761	••	3.5	-410	• •	.0	• 0	26.1		•0	4442	77.7	.0	•0	.0	40+5

PER10D:	(QVE	R-4113	1943-	1970					JUCY							
				••••				TABLE	18 (CONT	,			AREA	0014	NORTHE/ 75 114	ST JAVA SEA
				P	T FREO	OF WIND	SPEED	(KTS)	AND DIRE	etion (	VED 4116					1405
				5					### P###		******		mia teli	,		
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4=10	11-21	22-33	34-47	48+	PCT	
<1 1-2	••	0	•0	•0	.0	.0	.0		.0	.0	.0	.0	•0	.0		
3-4	.0	1.5	1.5	.0	•0	•0	3.1		.0	.5	.0	•0	.0			
5-6		.0	•0	•0	.0	.0	.0		•0	.0	.0	•0	.0	.0		
i	ŏ	.0	•0	•0	•0	.0	•0		•0	.0	.0	.0	•0	iō		
8-7	.0	.0	•0	.0	.0	•0	.0		•0	.0	.0	•0	•0	.0	.0	
10-11	.0	.0	.0	.0	.0	•0	•0		.0	•0	.0	•0	•0	.0	.0	•
12	·õ	.0	.0		."	.0	•0		•0	•0	.0	•0	•0	.0		
13-16	.0	.0	•0	.ŏ		.0	•0		•0	•0	•0	•0	•0	.0		
17-19	. 0	.0	.0		ě		•0		.0	•0	•0	•0	•0	•0		
50-55	.0	.0	.0	.0	.0		ő		.5	.0	•0	•0	•0	.0		
23-25	•0	.0	•0	.0	.0	.0	.0		ŏ	ŏ	.0	•0	•0	.0		
26-32	•0	.0	.0	.0	.0	.0			ŏ	.ŏ	.0	.0	•0	•0	•0	
33-40	.0	.0	.0	.0	•0	.0	.0		. 0		.0	.0	•0	.0	•0	
41-48	•0	•0	• 0	•0	.0	.0	.0		.0		.0		•0	.0	•0	
49-00 61-70	.0	.0	•0	•0	.0	.0	.0		.0	.0	.0		.0		.0	
71-86	.0	.0	•0	•0	.0	•0	.0		.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	•0	•0	•0	•0	.0		•0	•0	.0	.0	.0	.0	.ŏ	
TOT PCT	.5	1.5	.0 1.5	•0	.0	•0	.0		•0	.0	.0	•0	•0	.0	.0	
	••		149	•0	.0	•0	3.1		•0	.5	•0	•0	•0	.0	.5	
HGT	1-3			W								NW.				TOTAL
<1		4-10 -0	11-21	22-33	34-47	48+	PET		1-3	4-10	11-21	22-33	34-47	484	PCT	PCT
1-2	.0	.0	•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	.0	.0	• • •
3-4	ž	.ŏ		•0	• • •	•0	•0		•0	2.0	.0	•0	•0	.0	2.0	
5-6	ž		ŏ	.0	•0	.0	•0		•0	•0	•0	•0	•0	.0	.0	
7	. 0	.0	•0	·ŏ	.0	.0	.0		•0	•0	•0	•0	•0	.0	.0	
8-9	. 0	.0	•0		ő	.0	.0		•0	•0	•0	•0	•0	.0	•0	
10-11	.0	.0	•0	•0	.0		ĕ		.0	•0	•0	•0	•0	•0	•0	
12	• 3	.0	.0	•0	.0	.0	.0		• 0	.0	•0	•0	•0	•0	•0	
13-16	۰0	.0	•0	•0	.0	.0			. 5	ŏ	.0	•0	•0	•0	•0	
17-19	•0	.0	•0	.0	.0	•0	.0		, o		:0	:0	•0	.0	•0	
20-22	•0	•0	•0	.0	•0	•0	.0		.0	.0	.0	.0		.0	•0	
23-25 26 <b>-3</b> 2	•0	.0	•0	.0	• າ	•0	.0		.0	.0			.0		•0	
33-40	.0	.0	•0	.0	•0	•0	•0		.0	.0	.0	ŏ			•0	
4,-48	.0	.0	•0	•0	•0	•0	•0		.0	.0	.0		• 0	.0	.ŏ	
49-60	.0		•0	•0	.5	•0	•0		•0	•0	.0	•0	•0	.0		
61-70	.0	.0	•0	•0	•0	•0	•0		•0	•0	.0	•0	•0	.0	ŏ	
71-66			.0	•0	•0	٠,٥	•0		•0	.0	.0	•0	•0	.0	40	
67+		ŏ	ő	.0	•0	•0	•0		•0	•0	•0	•0	•0	.0		
TOT PCT	.0	.ŏ	•0	.0	.0	.0	•0		•0	.0	•0	•0	•0	•0	•0	
			• •		••	••	•0		•0	2.0	•0	•0	•0	.0	2.0	100.0

	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	.0	.0	.0	.0	.0	.0	.0	DBS
1-2	.0	12.2	22.4	.0			34.7	
3-4	.0	12.2	34.7		.0	.ŏ		
5-6	.0	4.1	14.3	.0			44.9	
7		7.0				•0	18.4	
8-9	.ŏ			•0	.0	.0	•0	
10-11	.0	•0	.0	•0	.0	.0	.0	
12		•0	•0	.0	•0	•0	.0	
	•0	•0	.0	.0	.0	.0	.0	
13-16	•0	•0	.0	.0	٠.	.0	.0	
17-19	•0	•0	.0	.0	•0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	•0	.0	.0	.0	.0	·ŏ	ŏ	
? <b>6-32</b>	.0	.0	.c	.0	.0	.0		
33-40	.0	.0	.0	.0	·ŏ	.0		
41-48	.0		.0				•0	
49-60	.0					.0	.0	
61-70	.ŏ		•0	•0	.0	.0	.0	
71-86		•0	•0	.0	•0	.0	•0	
	•0	•0	•0	.0	•0	.0	•0	
<b>87</b> +	•0	•0	.0	•0	•0	.0	.0	
TOT PCT	.0	28.6	71.4	•0	.0	.0	100.0	49

PERIOD	(QV	ER-ALL	.) 199	32-197	0				TABLE	19											
					PERCENT	FRE	QUENCY (	OF W/	VE HEI	GHT (F	T) VS	WAVE P	ERIDO	(SECONI	)\$)						
PERIDD (SEC)	<1	1-2	3-4	5-6	7	8-1	10-11	12	13-16	17-19	20-22	23-25	24-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN
<6 6-7 8-9 10-11 12-13	.00	18.8 3.1 .0 .0	29.7 12.5 .0 .0	9.4 10.9 1.6 .0	6.3 4.7 1.6 .0	.0	• • • • • • • • • • • • • • • • • • • •	.0	.0	.0	_	.0	.0	.0 .0 .0	••••	.0	.0	.0	.0	41 20 2	HGT 3 4 6
>13 INDET TOTAL PCT	•0	.0 .0 14 21.9	.0 .0 27 42.2	.0 .0 14 21.9	1.0	.0	• • • • • • • • • • • • • • • • • • • •	.0	•0	.0	.0	••	•••••	•••••	•••	.0000	.00	•••••	••••	0 1 44 100.0	7

AUGUST

PERIOD: (PRIMARY) 1919-1972 (OVER-ALL) 1860-1972

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TABLE 1

AREA 0014 NURTHEAST JAVA SFA 4.75 113.9E

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

				•	EMPEN	LVEAC	E	W- M- 11/61							
			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHENDI	HENA	
WND DIR	RAIN	MAIN SHUR	DR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR	FOG WO PCPN	FUG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUS' BLWG SNO	NO T SIG W WEA
N NE SE SW W Nb Var Calp	2.5	100.0 111.1	.00.00	•••••••••	•0	••••••••	00000000000	2.5 .0 .0 .0 .0 100.0 11.1	100.0	1.0	.0	.00	.0 .0 1.0 .0 .0	••	100.0 97.9 97.0 100.0 100.0 44.4
TOT PCT TOT CBS:	.6 159	.6	•0	.0	٠.	.0	.0	1.3	1.3	1.3	.0	•0	••	•0	95.0

TABLE 2

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	HENA	
HOUR (GHT)	RAIN	RAIN Shur	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCP4	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LTNG	FDG WD PCPN	PUG WD PCPN PAST HR	SHOKE	SPRAY RLWG DUST BLWG SNOW	
00603 06609 12615 18621	2.2 .0 .0	2.2 .0 .0	.0 .0 .0	.0 .0 .0	.0	.0 .0	.0	4.4 .0 .0	• 0 • 0 • 0	2.2 .0 3.0	.0	•0	•0 •0 •0	•0	93.3 95.2 93.9 100.0
TOT PCT	.6 159	.6	.0	.0	•0	•0	•0	1.3	1.3	1.3	•0	•0	.6	•0	95,6

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			22+33 :		48+	TOTAL DBS	PCT FREQ	MEAN SPD	on	03	06	HOUR 09	(GMT) 12	15	18	21
N NE E SE S W NH VAP CALM TOT CAS TOT PCT	1.0	.4 13.3 33.3 4.4 .0 .0 .0	20.8 26.8 20.1 .0 .2 .1	.0 .1 .6 .3 .1 .0 .0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	447	.7 .8 28.9 61.5 7.0 .4 .2 .5 .0 .0	8.6 10.5 11.3 10.4 9.2 7:0 17:0 3.6	.0 25.7 65.0 6.0 2.0 1.0 .3 .0 .0	1.0 28.1 63.0 7.3 .5 .0 .0 .0 .0	2.9 .0 18.6 74.3 4.3 .0 .0 .0 .0 .0 .0 .0 .0	1.6 .0 34.7 57.3 6.5 .0 .0 .0 .0	1.9 22.1 64.4 9.6 .0 .0 1.9 .0 .0 .0	.0 40	.0 1.9 19.4 65.7 9.3 .0 .0 3.7 .0 .0 27	2.5 39.2 53.3 5.0 .0 .0 .0

TABLE 3A

WND DIR	0=6	WIND 7-16	SPEED 17-27	(KNETS) 28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	HOUF 06 09	(GHT) 12 15	18 21
N			.0	.0	.0		.7	8.6	.6	2,1	.0	.0
ÑE	:3	:3	.1	:0	ŏ			10.5	.0	.0	1.6	2.3
	2.1	24.4	2.3				20.9	11.3	27.0	28.9	28.3	33.0
ę.		50.1	3.0	ŏ			61.5	10.4	43.9	43.4	59.2	57.2
98	8.4			.0			7.0	9,2	6,7	5.7	7.1	6.3
5	5.1	4.6	.3					7.0	1.2		.0	.0
Sw	.5	- 2	•0				ž	17.0	1,4		.ŏ	.0
w	•0	.0	•2	•0					i	ŏ	1.1	1.1
NW	.4	•0	•1	.0	.0		. 5	3.6				•
VAR	.0	.0	.0	•0	.0		.0	٠.	•0			
CALM	.0						.0	0	0	.0	.0	.0 67
TOT DAS	42	358	27	0	0	447		10.5	171	97	92	
TOT PET	13.9	80.1	6.0	.0	.0		100.0		100.0	100.0	100.0	100.0

			_	_
A١	16	บ	5	T

PERICO:	'PRIMARY;	1919-1972
	TIVE - ALL L	1040-1003

TARLE 4

AREA ODIG NORTHEAST JAVA SEA 4.75 113.9E

PERCENTAGE	FREQUENCY	DF	WIND	SPEED	84	HOUR	COMTS

HOUR	CALH	1-3	4-10	#IND 11-21		KNOTS) 34-47	48+	HEAN	PCT FREQ	TOTAL
00603	.0	1.2	48.0	49.1	1.8	.0	.0	11.1	100.0	171
99864	.0	3.1	39.2	56.7	1.0				100.0	167
12615	.0	2.2	60.9	37.0	.0	.0	.0		100.0	92
18621	•0	2.3	66.7	29.9	1.1				100.0	
TOT	ō		234	199	•••		ŏ	10.5	100.0	87
PCT		2.0	52.3	44.5	1.1	.ŏ	.ŏ	10.3	100.0	447

TABLE 5

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	PCT FREG OF TOTAL CLUUD AMOUNT (EIGHTHS)											T/	ABLE 6					
<b>P</b> (	CT FRE			CLUUD A D DIRFO					PERCEN	TAGE F	REQUEN	ICY DF	CEILIN NH <5/	G HEIG	HTS (I	T,NH :	>4/8) DN	
WND DIR	0-2	3-4	5-7	8 £ nascd	TOTAL CBS	MEAN CLOUD COVER	000 149	150 290	300 599	600 999	1000	2000 3499	3500 4999	5000 64 <b>9</b> 9	6590 7 <b>999</b>	<b>8000</b> +	NH <5/8 ANY HGT	
N NE E SE S N N N VAR VAR CAL UBS TOT PCT	30.4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0 6.7 12.5 1.3 .0 .0 .0 .0 16 20.5	3.2 23.7 3.8 1.3 .0 1.3 .0 26	1.3 .0 1.3 5.1 .0 .0 1.0 1.6 .0 .0	78 100-0	8.0 .0 4.2 3.5 3.2 6.0 6.0 6.6 .0	•••••••	0000000000000000	0000000000000	000000000000000000000000000000000000000	3.6	.0 .0 2.6 .0 1.0 1.0	2.60	••••••••••••	00000000000000	00000000000000	1.3 .0 9.6 65.4 9.6 1.3 .0 2.6 .0	78 100.0

TABLE 7

# CUMULATIVE PCT FREQ DF SIMULTANEOUS DCCURRENCE DF CEILING HEIGHT (NH >4/8) AND V58V (NH)

				VSBY (N)	1)			
CEILING	● DR	- DR	- DR	# PR	• DR	• CR	• 04	₽ DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• DR >6500	.0	•0	.0	.5	.0	.0	•0	.0
<ul> <li>ŋk &gt;5010</li> </ul>		.0	.0	.0	.0	.5		ŏ
<ul> <li>□R &gt;3500</li> </ul>	1.3	2.6	2.6	2.6	2.6	2.5	2.6	2.6
■ CR >2000	3.8	6.4	6.4	6.4	0.4	6.4	6.4	5.4
● C4 >1000	7.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3
<ul> <li>OR &gt;600</li> </ul>	7.7	10.3	10.3	10.3	10.3	10.3		
■ PR >300	7.7	10.3	10.3	10.3	10.3		10.3	10.3
■ Dk >150	7.7	10.3				10.3	10.3	16.3
			10.3	10.3	10.3	10.3	10.3	10.3
• R > 0	7.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3
TOTAL	6		8					

TOTAL NUMBER OF DBS1 78

7.

PCT FREQ NH <5/81 89.

TABLE 7A

PERCENTAGE FREQ UP LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8 2	BSCD	DBS
17.3	19.8	23.5	17.3	12.3	3.7	2,5	•0	3.7	•0	81

							AUG	UST						
(PRIMARY) 19 (OVER-ALL) 1	919-1972 8:0-1972						TAB	LE B				ARE	A 0014	NORTHEAST JAVA SEA 4.75 113.9E
		**	RCENT	FREQ PREC	DF WIN	D DIRECTION WIT	TION V	ING V	JRRENCE LLUES (	OR N	ON-DCC	URRENC Y	E OF	
VSBY (NM)		N	NE	E	SE	5	Sw	W	NW	VAR	CALM	PCT	TOTAL	
<1/2	PCP ND PCP IDT %	.0	.0	•0	•0	•0	•0 •0	.0	•0	.0	•0	•0		
1/2<1	PCP NO PCP TOT \$	.0	•0	•0	•0	•0	•0	•0	.0	.0	•0	.0		
1<2	PCP ND PCP	.0	.0	.0	.0	•0	•0	.0	•0	.0	•0	.0		
2<5	PCP NO PCP	.0	.0	•0	.0	•0	•0	.0	•0	.0	•0	.0		
5<10	PCP ND PCP	.0	.0	3.6	.0 7.2	.0	•0	.0	.0	.0	•0	1.3		
10+	PCP NO PCP	.0	.0	.0 21.2	7.2 .0 56.4	.0 6.9	•0	.0	.0 1.3	.0	•0	.0 87.4		

3

TOT OBS

TABLE 9 PERCENT FREQ OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY 159

.0 100.0

					MIII A	RKATUR	AWFAE 3	DF 41	21#1F	114			
VSBY (NH)	SPD KT <b>S</b>	N	NE	E	SE	s	SW	W	NW	VAR	CALM	PCT	TOTAL DBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	.3	.3	.0	.0	.0	.0	.0		.7	
	11-21	·õ	•0	.7	.3	.0	.0	.0	.0	.ŏ		1.0	
	22+	.0	·ŏ	.0	.0	•0	.0	.0	.0	, ŏ		, o	
	TOT %	.0	.0	1.0	.7	.0	.0	.0	.0	.0	.0	1.7	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	٠.	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.ŏ	.0	.0	.0	ě	.ŏ	.0	.0	ŏ		ō	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.o	
	TOT \$	.0	.0	•0	.0	.0	.0	.0	.0	.ŏ	.0	.o	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		.o	
	22+	.0	.0	·ŏ	.0	ŏ	.ŏ	.0	.0	. 5		.o	
	TOT %	·ò		.0	·ŏ	ō	.0	.0	.0	ŏ	•0	ŏ	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	.0	.0	.2	.2	.0	.0	.0	.0	.0		. 3	
	11-21	.0	.0	.2	.2	.o	.0	.0	.0	Ö			
	22+	.0	.0	.0	.ö	iò	.0	.0	.ò	ŏ		ŏ	
	TOT %	ō	.0	.3	.3	.0	.0	.0	.0	ŏ	.0	.7	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5<10	4-10	.0	.0	1.0	2.6	.2	.0	.0	.0	.0		3.7	
	11-21	.0	.0	1.4	1.4	ō	.0	.3	.1	, õ		3,1	
	22+	.o	.ŏ	.0	.0	.0	.õ	.0	.õ	.õ		ŏ.ŏ	
	TOT #	.0	·ò	2.4	3.9	.2	.0	.3	.1	,õ	•0	4,1	
	ú-3	.0	.0	.0	.3	.0	.0	.0	.7	.0	.0	1.0	
10+	4-10	.0	.2	13.8	33.2	4.6	.3	.0	.0	.0		52.0	
	11-21	.3	.;	10.2	24.0	2.9	·ŏ	.0	.0	ĕ		37.0	
	22+	.0	.0		0	-iò	·ŏ	.0	.õ	.ŏ		.0	
	TOT %	.;	.5	24.0	57.5	7.5	.;	.0	.7	.0	•0	90.8	
	OT DES							_					274
1	OT PCT	.3	.5	27.7	42.4	7.7	.3	.3		-0	-0	100.0	

AUGUST

BERTODE	(PRIMARY)	1010-1972
	401100. 444	

TABLE 10

AREA 0014 NORTHEAST JAVA SEA 4.75 113.98

# PERCENT FREQUENCY OF CFICING HEIGHTS (FEET-NH >=/8) AND DCCURRENCF OF NH <5/8 BY HOUR

HOUR (GHT)	000 149	190 299	300 399	999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANV HGT	TOTAL 085
00603	.0	۰0	.0	•0	.0	12.5	6.3	.0	.0	•0	16.8	81.3	16
90360	.0	.0	.0	.0	4.0	4.0	.0	•0	.0	•0	8.0	92.0	25
12615	.0	.0	.0	.0	•0	.0	.0	.0	.0	• 5	.0	100.0	21
18621	.0	.0	.0	.0	10.5	.0	5.3	.0	.0	•0	15.8	84.2	19
TOT PCT	.0	.0	.0	.0	3.7	3.7	2.5	.0	٥.	.0	,.;	73 90•1	100.0

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VS8Y	(14)	BY HOUR		CUMULAT					VSBY (NM)	
HOUR (GHT)	<b>&lt;</b> 1/2	1/2<1	1<2	2<5	<b>5</b> <10	10+	TOTAL OBS	HOUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL OBS
€0300	1.9	.0	.0	.•	7.5	89.6	106	E0300	•0	•0	.0	20.0	●0.0	15
06609	1.6	.0	•0	•0	7.9	90.5	63	90300	•0	•0	•0	1.3	91.7	24
12615	•0	.0	.0	1.7	1.7	96.6	59	12615	•0	•0	•0	•0	100.0	20
18621	3.0	.0	•0	•0	9.1	87.9	66	18821	•0	•0	•0	15.8	84.2	19
TST PCT	1.7	.0	0.0	.7	20	267 90.8	294 160.0	TOT PCT	0	0	0	10.3	70 89.7	78 100.0

TAPLE 13

74815 14

															1-55					
	PERCE	NT FR	EDUENCY	7 DF RE	ELATIVE	HUMI	א אדים	Y TEMP	TOTAL	PCT		PERC	ENT FR	EQUENC	Y DF W	14D D11	RECTIO	4 SY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FREG	N	NE	E	SE	5	SW	*	NW	VAR	CALM
85/89	.0	.0	•0	•0		1.3	2.6	.0	3	3.4	•0	.0	2.2	1.6	5.8	1.3	.0	2.6	.0	.0
80/84	.0	.0	•0	•0	2.6	48.7	20.5	5.1	60	76.9	.0	.0	11.5	55.8	5.8	1.3	-0	2.6	.0	.0
80/84 75/79	.0	.0	• 0			7.7			15	19.2	1.3	.0		15.4	.0	.0	1.0	.3	.0	. 0
TOTAL	٥	0	0	0	2	45	25	6	78	100.0										
PCT	.0	.0	•0	•0	2.6	57.7	32.1	7.7			1.3	.0	15.1	72.8	5.8	1.3	1.0	2.9	.0	.0

TABLE 15

	MEANS,	EXTREM	FS AND	PERCEN	TILES	CP TE	#P (DE	G F) 8	AUCH Y		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	YTIDIN	BY HOUF	t
HOUR (GMT)	MAX	998	95%	50%	51	18	win	MEAN	TOTAL DBS	HOUR (GHT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL DES
€0300 €0300	91 90	#	84 86	82 82	79 79	78 77	77	1.5	170	£0300 <b>£</b> 0340	.0	•0	4.2	53.3 75.0	33.3	13.3	80 77	15
12615	87	85	83	80	79	76	76	40.6	92	12615	.0	.0	5.3	52.6	31.6	10.5	•0	19
18621	<b>85</b> 91	84	82 85	<b>9</b> 0 <b>8</b> 1	7! 7'	75 77	75 75	79.9 81.1	87 445	18621 707	•0	•0	•0	45.0	50.0 25	5.0	81 79	20 78

AUGUST

PERIOD: (PRIMARY) 1919-1972 (OVER-ALL) 1860-1972

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TABLE 17

AREA 0014 NORTHEAST JAVA SEA 4.75 113.9E

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PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	73 76	77 80	81 84	85 8P	TOT	FOG	#0 F06
7/8	.0	•0	.0	.7	1	.0	.7
6	.0	•0	.7	.0	1	٠0	.7
5	.0	.0	.0	1.4	Ž	.0	1.4
4	.0	•0	2.8	2.1	7	.0	4.9
3	.0	•0	1.4	7	3	.0	2.1
2	.0	•7	7.0	.7	12	.0	8.4
ī	.0	2 - 1	7.7	.0	14	.0	9.8
ŏ	.0	10.5	23.1	.0	48	.0	33.6
-1	.0	7.7	4.9	.0	18	.0	12.6
-ž	.0	9.8	8.4	.0	26	.0	14.2
-3	.0	2.8	.7	.0	5	.0	3.5
-4	٠,٦	3.5	.0	.0	6	.ŏ	4.2
TOTAL	1	-	81			Ö	143
		53			143		
PCT	.7	37.1	56.6	5.6	100.0		100.0

PEPIUD: (DVER-ALL) 1963-1972

				PC	T FRED (	F WIND	SPEED	(KTS) AND	DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)		
				N.								¥£	<b>-</b>		
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	•0	.0	•0	•0	.0	•0	•0		•?	٥٥	•0	•0	•0	•0	•0
1-2	•0	•0	•0	•0	.0	•0	.0		•0	• 0	•0	•0	•0	.0	•0
3-4	•0	.0	2.7	•0	.0	•0	2.7		•0	-0	•0	•0	•0	•0	•0
5+6	.0	.0	•0	.0	•0	•0	•0		•0	.0	•0	•0	•0	•0	•0
.7	٠.٥	•0	•0	•0	.0	•0	.0		.0	.0	•0	•0	•0	.0	.0
8-9	٠.	.0	•0	.0	.0		.0		ň	.0	•0	:0		.0	
10-11	٠,٥	.0	.0	.0	.0	.0	.0		.0		•0	:0	.0	:0	ö
12 13-16	.0		.0	.0	.0	.0	.0		ň	.0	.0	.0	•0	.0	
		.0	.0	.0	.0		.0		ő	.0	.0	:0		ö	.0
17-19	.c	.0	.0	.0	.0	:0	.0		ŏ	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0		.0		ŏ		.0		.0	.0	.0
26-32	٠٥	.0	.0	.0			.0		'n	ŏ	.0	.0	•0		.0
33-40	.5	.0	.0	.0	.5	.0	.0		ō	.0	.5	:0			
41-48	:0	.0	.0	.0		.0	.0		ò	.0	.0	.0		.0	
49-60		.0	.0	•0	.5				ŏ		ě	.ŏ		.0	.0
61-70	.0	.0	.0	•0	٥	.0	ŏ		ŏ	.0	.0		.0	.ŏ	ä
71-86	.0	.ŏ	ő	.0		.0	.0		Ö	.0	.0		.0		
87+	:0	.0	ě	.0	.0		ŏ		ŏ	.0			•0		
TOT PET	:0	.0	2.7	.0	ŏ		2.7		ŏ	ŏ			•0		.0
TOI PCT	••	••		••	••	•••			••	•••		•••	•••	•••	••
				€								SE			
HGT	1-3	4-10	11-21	22-73	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1_	.0	.0	•0	•0	.0	.0	.0		.0	0	•0	•0	•0	•0	.0
1.02	.0	2.0	2.7	.0	•0	.0	4.7		.0	38.5 5.4	5.4	•0	•0	.0	43.9
3-4	•0	2.7	4.7	•0	•0	.0	7.4		•0		11.5	.0	•0	:8	16.9
5-6	•0	.0	4.1	•0	•0	.0	4.1		0	.0	7.3		.0	.0	***
7	•0	•0	•0	•0	.0		.0		.0		.0	.0	.0	.0	.0
	.0	•0	•0	.0			.0		٥	ě	:0		•0		
10-11	٠,	.0	•0	.0	.0	:0	ö		ŏ	ŏ		•0	.0	.0	
12 13-16	.0	.0	•0	.0	.0	:	.0		ň	.0	:0	.0			.0
17-19	.0	.5		.0	.0		ŏ		ŏ	ŏ	.6			.8	
20-27	.5		•0	.0	:5		ŏ		ŏ	.0			.0		.0
23-25	.0		.0	.0	ö		ĕ		ŏ	.0		:0	.0	.ŏ	.0
20-32	.0		.0	.0	'n	.0	ŏ		.0				•0		
				•0	.0				ŏ	.0	.0	.0	.0	.0	
33=40 41=48	٠,	.0	.0	•0	٥	:0	.0		ŏ	.0	ě	.0	٠٥		
49-40	.0	.0	.0	.0	:0	.0	.0		ŏ	:0	:0	:0		:0	
61-70	.0	.0	90		.0	.0	.0		ŏ		.0			.5	
71-86		.0	.0	.0	.0		ĕ		ŏ	.0				.0	
674	•0		•0		:6	:0	ŏ		ŏ		.0	:0	٠٥		ě
707 PCT	.0	4.7	11.5	.0	.,	:0	16.2		'n	43.9	24.4	:0	.0	ĕ	70.3
()1 PC1	• 3	/	4447	• • •	•••				• .,		,4	•••	7.5		

		<b>. .</b>							AUGUS	Ť				AREA	0014	NOB THE A	ST JAVA SE
PERIOD	(DVE	R-ALL)	1763-1	<del>,9</del> 72				TABLE	18 (0)	ONT				AREA	4,	75 113	.9E
				PC	T FREO	UF WIND	SPEED	(KTS)	AND D	IRECT	'ION V	ERSUS S	EA HEIG	HTS (FT)			
				5									SW				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT			• 9	4-10	11-21	22-33	34-47	48+	PCT	
<1	.0	.0	•0	.0	.0	.0	•0			•0	•0	.0	•0	•0	.0	•0	
1-2	•0	.0	2.7	•0	• 0	•0	2.7			•0	•0	•0	•0	•0	.0	.0	
3-4	.0	2.7	2.7	.0	.0	.0	5,4			•0	.0	•0	•0	•0	.0	•0	
5-6	•0	.0	•0	•0	.0	.0	•0			.0	.0	.0	•0	•0	.0	.0	
7 4-9	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	•0	•0	.0	.0	
10-11	.0	.0	•0	.0	.0	.0	.0			ò		:0	.0	•0	.0	.0	
12	.0	.0	•0	.0		:0	.0			ŏ	ě	:0	.0	.0	.ŏ	.0	
13-16	.0	ě	.0	.0	.5	.0	.0			ŏ				ě			
17-19	ö		.0	.0						Ď	.0	ŏ					
20-22			ŏ		.ö	.0	.0			.0	.0	.0	.0	40	.0	.0	
23-25	.õ		.0	.0	.0	.0	.0			ñ	.0	.0	.0	•0	.0	.0	
26-32	ŏ	.ŏ	.0	.0	ō	•0	.0			.0	.0	.0	.0	•0	.0	.0	
33-40	.0	.0	.0	.0	. 5	.0	.0			.0	.0	.0	.0	•0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	•0	.0	•0	
49-60	.0	.0	.0	.0	.0	.0	•0			.0	.0	.0	•0	•0	.0	.0	
61-70	.0	.0	.0	•0	.0	.0	.0			.0	•0	.0	.0	•0	.0	•0	
71-86	.0	.0	•0	.0	.0	.0	.0			•0	.0	.0	.0	•0	.0	•0	
87+	.0	.0	•0	•0	•0	•0	.0			•0	.0	•0	•0	•0	.0	•0	
TOT PCT	.0	2.7	5.4	.0	.0	•0	8.1			•0	•0	•0	•0	•0	.0	•0	
													48				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1	-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	.0	.0	•0	•0	.0	•0	.0			.0	.0	.0	.0	•0	.0	.0	
1-2	.0	.0	.0	.0	.0	•0	•0			• 0	.0	.0	•0	•0	.0	• 7	
3-4	, c	.0	2.0	.0	.0	•0	2.0			•0	.0	.7	•0	•0	.0	.7	
5-6	.0	.0	•0	.0	.0	.0	•0			•0	•0	.0	•0	•0	.0	•0	
7	.0	.0	•0	•0	• • • •	•0	•0			•0	•0	•0	•0	•0	.0	•0	
8-9	•0	.0	•0	• ?	•0	•0	+0			•0	.0	•0	•0	•0	.0	•0	
10-11	.0	.0	•0	•0	.0	.0	•0			•0	.0	•0	•0	•0	•0	•0	
12	.0	.0	•0	•0	•0	•0	•0			•0	•0	•0	•0	•0	• 0	•0	
13-16	•0	.0	•0	•0	•0	•0	•0			.0	.0	.0	•0	•0	.0	•0	
17-19	•0	.0	•0	•0	.0	.0	•0			.0	.0	.0	•0	•0	:0	•0	
20-22 23-25	.0	.0	•0	.0	.0	.0	.0			.0	.0	.0	.0	.0	:ŏ	.0	
26+32	.ŏ	.0	•0	.0	.ŏ	.0	.0			.0	.0	.0	.0	.0	.ŏ		
33-40	.0	.0	•0	·ŏ			•0			ő	.0	.0		.0		.0	
41-48	.č	.0		.0		.0	.0			ŏ	.0	ŏ	ě	.0	.0		
49-00			ò	.0	. 6	.0	.0			ō	.0		.0			.0	
61-70		.ŏ		.ŏ	.0	.0	.0			.0	.0	.0	.0	.0	•0		
71-86	.0	.0	.0	.0	.0	.0	•0			.0	.0	.0	.0	•0	.0		
87+	.0	.0	• 0	•0	.0	•0	•0			.0	.0	.0	•0	•0	.0	.0	
TOT PCT	.0	.0	2.0	.0	.0	•0	2.0	ı		• 0	.0	.7	.0	.0	.0	.7	100.0
	-																

	HIND	SPEED	(KTS)	VS SEA	MEIGHT	(FT)		
нет	0-3	4-10	11-21	22-39	34+47	48+	PCT	TOT
<1	.0	.0	.0	.0	.0	.0	.0	053
1-2	.0	40.5	10.8	.0	.0	.0	51.4	
3-4	.0	10.6	24.3	.0	.0	٠,	35.1	
5-6	.0	•0	13.5	, ō		.0	13.5	
•	.0	.0	.0	.0		.0	.0	
8-9	.0	•0	.c	.0			Ö	
10-11	.0	.0	.c	.0		.0	ō	
12	.0			ŏ			.ŏ	
13-16	.6		.0	ŏ		.0	.õ	
17-19		.0		ŏ				
20-22	.0	.0	č				.0	
23-25								
26-32		.0						
	•0						٠,	
33-40	•C	•0	.0				.0	
41-48	.0	•0	.0				۰.	
49-60	.0	•0	.0				٠Ç	
61-70	.0	•0	.0				.0	
71-86	•0	•0	.0	•0	.0	•0	.0	
<b>87</b> +	.0	.0	.0	.0	.0	.0	.0	
								37
TOT POT	.0	51.4	48.6	•0	.0	.0	100.0	

PERIOD: (DVER-ALL) 1949-1972 8-9 10-11 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 TOTAL 54 6 1 1 0 0 2 4 100.0 PERIOD (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT 71-86 .0 MEAN MGT 3 4 5 3 4.7 .0 .0 .0 .0 1.6 1-2 18.5 1.9 .0 .0 .0 .0 1.6 14 21.9 3-4 +3.8 4.7 .0 1.6 .0 .0 .0 .0 5-6 15.6 3.1 1.6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .00.00.00 1-48 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 1.6 ....... ........ 000000000 000000000 000000000 ...... 000000000

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									SEPTEN	DER						
PERIODI	(PRIMARY)		-1969 -1969						TABLE	1			AREA 0014	4.75	THEAST JA'	VA SEA
					•	ERCENT	FREQU	ENCY O	F WFATHER	OCCURRENCE	BY WI	ND DÍR	ECTION			
				•	RECIPI	TATION	TYPE					OTHER	WEATHER	PHENO	MENA	
	WND DIR	RAIN	RAIN	MRTL	PRTG PCPN	\$NDW*	OTHER FRZN PCPN	HATL	PCPN AT DB TIME	PCPN PAST HOUR	THDR LTNG	FOG NO PCPN	FOG WO PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUS' BLWG SNO	
	N NF E SF SW W W VAR CALM	0000000000	•••••••	.0 .0 1.1 .0 .0	•••••••••	.00000000000000000000000000000000000000	000000000000000000000000000000000000000		.0 .0 1.1 .0 .0	.0 .0 .3 5.6 .0 .0	.0 2.2 1.3 5.6 .0	.0 1.1 1.1 3.7 .0	•0	.00.00000000000000000000000000000000000	•0	100.0 96.7 96.2 85.2 100.0 100.0

3

TOT #CT

4)

TARLE 2

					P	ERCENT	FREQUE	NCY OF WE	ATHER DCCU	RENCE	84 HO	R			
			•	RECIPI	TATIO	N TYPE					OTHĒR	HEATHER	PHEND	MENA	
HSUR (GHT)	RAIN	RAIN SHWR	DRZL	FRZG PCPN	SNOW	STHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR	FDG WD PCPN	POG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
00603 04609 12615 18621	.0	.0	2.2	.0	.0 .0	.0	.0	.0 2.2 .0	2.2	.0 .0 7.0	.0 2.2 .0 2.3	•0	•0	•0	100.0 93.3 100.0 90.7
TOT PCT	.0 159	.0	.6	.0	•0	.0	•0	.6	.6	1.9	1.3	.0	•0	•0	95.6

THE REPORT OF THE PROPERTY OF

TABLE 3
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

	Levelsinde intanties of Minn Divitions at altes and it upon																
WND DIR	0-3			22-33 22-33	34-47	46+	TOTAL DBS	PCT FRFQ	MEAN SPD	00	03	06	HOUR OF	(GMT) 12	15	18	21
N	.0	.0	•0	.0	.0	•0		.0	0	.0	•0	.0	.0	•0	.0	.0	•0
NE	.1	.3	.0	.0	•0	.0		.4	5.2	.4	•0	.0	.,	•0	1.3	.0	
NE E		15.2	11.1	.1	.0	.0		27.3	10.2	20.7	25.4	28.7	19-1	19.4	35.0	43.2	37.5
ŠE	.,	36.2	21.3	1.1	.0	.0		59.5	10.4	45.8	62.3	32.2	45.5	42.0	35.0	46.2	54.2
•	.5	6.6	3.0		.õ	.0		10.1	9.0	9.3	12.3	10.3	12.7	14.8	8.8	4.5	5.0
Šı									3.0								.0
	.5	.2	•0	.0		•0				1.4	•0	3.7	•0	•0	•0	3.0	
¥	.2	•0	•0	,0	.0	.0		.2	3.0	•0	•0	2,2	.0	•0	•0	•0	•0
Nie	٠2		.0	.0	.0	.0		.2	2,0	.0	•0	.0	.0	•0	.0	.0	1.7
VAR	.0	.0	.0	.0	.0	.0		.0	.0	.0	•0	.0	.0	•0	.0	.0	•0
CALM	1.4							1.4	.0	1.4	.0	2.9	1.8	3.7	.0	3.0	.0
TOT DES	20	243	147		0	0	415		10.0	70	69	34	55	54	40	33	<b>6</b> 0
TOT PCT	4.8	58.6	35.4	1.2	,ŏ	.ŏ		100.0					100.0				100.0

					TAR	LE 3A						
WND DIR	0-6	#IND 7-16	SPEED 17-27	(KNGTS) 28-40	41+	TOTAL DBS	PCT FREQ	MEAN SPD	00	HOU! 06 09	12 12 13	18 21
NE SE SW W NW VAR CALM TOT DBS	.0 4.5 4.3 2.4 .2 .2 .2 .2	21.6 46.6 7.4 .0 .0	.0 1.3 4.6 .1 .0 .0	•••••	000000000	415	27.3 59.5 10.1	3.0 3.0 10.4 9.0 3.0 2.0 .0	23.0 64.6 10.8 .7 .0 .0	22.8 60.4 11.6 1.4 .8 .0	20.1	39.5 31.3 5.4 1.1 .0 1.1
TOT PET	18.3	75.7	••0	٠ŏ	.ŏ		100.0	••••				100.0

 -	 	
PT		

PERIODI	(PRIMARY)	1921-1969
	(DULB-ALL)	1847-1949

TABLE 4

AREA 0014 NORTHEAST JAVA SEA 4.75 113.98

PERCENTAGE	FREQUENCY	GB	MIND	SPEED BY	HOUR	(GMT)

				WIND	SPEED_(	KNOTS)			PCT	TOTAL
MOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	HEAN	<req< th=""><th>085</th></req<>	085
00403	.7	2.2	54.0	41.0	2.2	.5	.0	10.7	100.0	139
90360	2.2	4.5	48.3	44.9	ō	.0	.0	10.5	100.0	19
12415	2.1	2.1	69.1	25.5	1.1	.0	.0	9.3	100.0	94
19621	1.1	5.4	64.5	28.0	1.1	.0	.0	9.1	100.0	93
TOT		14	243	147	- 3	Ö	0	10.0		415
907	1.4	3.4	48.A	25.4	1.9	. 0	.0		100.0	-

TARLE 5

TARES 6

	PCT FRE			CLOUD A		(EIGHTHS)		1					CE:LIN					
and dir	0-2	3-4	5-7	8 & 08500	TOTAL DBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3479	3500 4999	5000 6499	6500 7999	8000+	NH <5/8 Any HGT	
N	.0	.0	.0	.0		•0	•0	•0	.0	.0	.0	•0	.0	-0	.0	.0	.0	
NE	.0	.0	.0	•0		•0	•0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	10.2	7.9	11.8	•0		3.8	•0	.0	.0	.0	2.0	.0	.0	1.3	.0	.0	26.6	
ŠE	17.4	12.2	24.3	.0		3.4	•0	.0	.0	.3	4.6	1.3	2.6	•0	•0	.0	45.1	
	1.3	1.0	5.9	.0		5.1	•0	.0	.0	1.0	.0	•0	-,0	•0	•0	.0	7.2	
Š×		.0	1.6			7.2	•0	•0	.0	1.3		40	.0	.0	•0	.0	3.0	
*	.0	.0	1.0			6.0	•0	•0	ō	.0	.0	.0	.0	•0	•0	.0	1.0	
Ňd		ő	•0	•0		_	·ŏ	.0	.0	·ŏ	.ŏ	.0	ŏ	.0	•0	ŏ	•0	
		ŏ		.0		•0	•0	•0	ŏ		.ŏ	.0	ŏ	ě	.0	.0	•0	
PAV	•0					•0	· <u></u>		• :									
CALM .	•0	.0	2.6	•0	_	5.5	•0	•0	•0	•0	•0	•0	•0	•0	40	•3	2.6	34
TOT UBS	22	16	36	2	76	4.1	0	0	0	2	5	1	Z	1	•	9	<b>65</b>	76
TOT PCT	28.9	21.1	47.4	2.6	100.0		•0	•0	.0	2.6	6.6	1.3	2.6	1.3	•0	•0	85.5	100.0

TABLE 7

# CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NM >4/8) AND VSBY (NM)

				VSBY (NH	1)			
CEILING	• 2R	= DR	• OR	• DR	• OR	- OR	• OR	- SR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
- DR >6500	.0	•0	.0	.0	.0	.0	•0	.0
■ DR >5000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
■ DR >3500	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7
■ DR >2000	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
• DR >1000	11.0	11.0	11.8	11.8	11.8	11.8	11.8	11.8
■ DR >600	13.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5
■ DR >300	13.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5
• CR >150	13.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5
= DR > 0	13.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5
TOTAL	10	11	11	11	11	11	11	11

TOTAL NUMBER OF SBS: 7

FREQ NH <5/81 85.

### TABLE 74

#### PERCENTAGE PREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 GBSCD 085 9.3 15:1 31:4 11:6 16:3 9:3 2:3 3:5 1:2 :0 80

							SEPT	EHBER							
PERIOD: (PRIMARY) 10 (OVER-ALL) 10							TAB	LE 8				ARE	A 0014	NÜRTHEAST JAVA 4.75 113.9E	SEA
		PEI	RCENT	FREQ PREC	OF WINE	DIREC	TIDN.V H VARY	S DCC	ARENCI	E OR N	DN-UCC	URRENC Y	FOF		
VSBY (NH)		N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL		*
€1/2	PCP ND PCP TOT %	.0	.0	•0	•0	•0	•0 •0	.0	•0	.0	•0	•0			
1/2<1	PCP NO PCP TOT %	.0 .0	.0	.0	.0	•0	•9 •0	0 0	•0	.0	•0	.0	~		
1<2	PCP NO PCP TOT %	.0	.0	•0	.0	•0	•0	.0	•0	.0	.0 70	.0			·
2<5	PCP NO PCH TOT &	.0	.0	•0	.0	.0 .3	•0	.0	.0	0	•0	.6			
5<10	PCP NO PCP TOT %	.0 .0	.0	.0 3.6 3.6	.0 6.4 6.4	•0	•0 •6 •6	.0	•0	.0	•0 •0	10.7 10.7			
10+	PCP NO PCP TOT 3	.0	.0	24.7 24.7	50.6 51.3	.0 8.2 8.2	104 144	.5	•0	.0	.0 1.9 1.9	87.4 88.1			

3

TOT OBS

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED WITH VARYING VALUES OF VISIBILITY										-			
VSBY (MM)	SPD KTS	N	NE	E	SE	\$	SW	W	MA	VAR	CALH	PST	TOTAL DBS
	0-3	.ŭ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-
<1/2	4-10	.0	.0		1.4	.0	.0	•0	.0	iõ	•••	1.7	
	11-21	.0	.0	.2	. 2	.0	.0	.0	.0	.0		. 3	
	22+	•0	.0	,0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	•0	.0	, 5	1.6	.0	.0	.0	.0	,õ	.0	2,1	
	0-3	.0	.0	•0	.0	•0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	٠٥.	•0	•0	.0	.0	•0	•0	.0	۰٥.		.0	
	11-21	.0	.0	.2	.2	.0	.0	.0	.0	•0		,3	
	22+	.0	•0	•0	.0	•0	.0	.0	.0	.0		.0	
	<b>TOT %</b>	.0	.0	•2	•2	.0	.0	.0	•0	.0	.0	.3	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
i<2	4-10	•0	•0	•0	•0	.0	٠٥.	.0	.0	.0		.0	
	11-21	.0	•0	•0	•0	.0	.0	•0	.0	.0		.0	
	22+	•0	•0	•0	.0	•0	.0	.0	.0	.0		.0	
	TOT %	.0	•0	•0	•0	•0	.0	.0	•0	•0	.0	.0	
	0-3	.0	.0	.0	.0	.0	.0	•¢	.0	.0	.0	.0	
2<5	4-10	•0	.0	.7	.7	.3	٠.	٠.٥	.0	,0		1.7	
	11-21	.0	.0	•0	.0	.0	•0	•0	.0	.0		.0	
	22+	.0	.0	•0	•0	•0	.0	•0	.0	.0		.0	
	TOT \$	•0	•0	.7	.7	,3	.0	.0	•0	.0	.0	1.7	
	0-3	.0	٠õ	.0	.0	•0	.3	•0	0	.0	.0	.3	
5<10	4-10	•0	•0	1.4	2.4	•0	•0	•0	•0	.0		3.8	
	11-21	•0	.0	1.0	1.8	۰٥	•0	•0	.0	.0		2.8	
	22+	.0	•0	.0	•0	.0	٠0	•0	.0	•0		.0	
	TOT #	.0	•0	2.3	4.3	•0	.3	•0	.0	.0	•0	6 ·9	
	0-3	•0	.0	3	4	3	• •	.3	•0	•0	1.0	2.8	
10+	4-10	•0	.3	13.3	30.5	5.3	.3	.0	•0	•0		49.7	
	11-21	.0	•0	13.4	20.3	2.4	٠,٥	•0	•0	•0		36,1	
	22+	•0	•0	5		.0	.0	•0	•0	•0		3	
	TOT #	.0	.3	27.2	51.4	8.0		.3	•0	•0	1.0	**,7	
	OT DAS	•0	.3	30.9	58.1	8.3	1.1	.3	.0	.0	1.0	100.0	281

SEPTEM	BER
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	SEPTEHOER		
PERIOD: (PRIMARY) 1921-1969 (OVER-ALL) 1857-1969	*ABLE 10	AREA 0016	HORTHEAST JAVA SEA
	PERCENT FREQUENCY OF CEICING HEIGHTS (FEET,NH >4/ Occurrence of NH <5/8 by Hour	6) AND	

HDUR (GHT)	000 149	150 299	300 599	600 999	1000 1 <b>999</b>	2000 3499	3500 4999	5000 6499	65 DO 7999	<b>8</b> 000+	TOTAL	NH <5/8 ANY HGT	TOTAL
00603	.0	.0	•0	•0	.0	.0	4.8	•0	•0	•0	4.8	95.2	21
90380	.0	.0	.0	4.2	20.8	•0	4.2	.0	•0	•0	29.2	70.6	24
12615	.0	.0	.0	.0	•0	•0	.0	•0	.0	•0	•0	100.0	17
18621	.0	.0	•0	4.8	.0	4.8	.0	4.8	•0	•0	14.3	85.7	21
TOT PCT	.0	.0	.0	2.4	6.0	1.2	2.4	:.2	.0	•0	13.3	72 86.7	83 100,0

				TABLE 1	11						TABLE	12		
		PERCENT	FREQUE	CY VS81	( (NM)	BY HOUR		CUMULAT					(HM) YESV	
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS	HOUR (GHT)	<150 <50YD	<60: <1	ر. ن ع	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
00603	2.0	.0	.0	2.0	6.1	89.8	98	00403	.0	.0	.0	4.8	95.2	21
06609	.0	.0	.0	1.6	12.9	85.5	62	90360	•0	.0	4.5	27.3	68.2	22
12615	3.4	.0	.0	1.7	3.4	91.4	58	12615	•0	.0	.0	•0	100.0	14
18621	2.9	1.4	.0	1.4	3.7	68.6	70	18621	•0	.0	5.3	10.5	84.2	19
TOT	2.1	.3	.0	1.7	20	256 88.9	288 100.0	TOT PCT	.0	.0	2.6	11.8	65 85.5	76 100.0

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				T	ARLE 12	•									TABL	E 14				
	PERC	ENT FR	EDUFNC.	Y DF R	ECATIV	E HUMIC	STY B	Y TEMP	TOTAL	PCT		PERC	ENT FR	EQUENCY	/ OF W	IND DIR	RECTION	84 T	EMB	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		PREG	N	NE	E	SE	Ş	SW	W	NW	VAR	CALM
90/94 85/89 80/84 75/79 TOTAL	.00	.0	•0	1.0 .0 .0	2.0	36.4	.0 1.0 34.3 6.1 41	1.0 7.1 1.0	1 9 79 10	1.0 9.1 79.8 10.1 100.0	.0 .0 .0	.0	1.0 3.3 25.5 1.5	4.6 41.4 7.1	.0 6.6 1.5	.0 3.0 .0	.0	.0	.0 .0	.0 2.0 0
PCT	.0	.0	.0	1.0	5.1	43.4	41.4	9.1			•0	. 5	31.3	53.3	8.1	3.3		.0	.0	3.0

				TAI	15 15									TABLE	16			
	MEANS,	EXTREMES	AND	PERCE	VTILES	OF TEMP	(DE	G F)	BY HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	UNIDITY	BY HOUR	
HOUR (GHT)	MAX	992	95%	50%	54	14	MIN	MEAN	TOTAL	HOUR (GHT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL DBS
00609	90 92	88 90	84	#2 #2	79 80	78 73	77 78	81.9	133	00003 00360		3.4	17.2	46.2	46.2	7.7 6.9	61 76	26 29
12615	84	83 82	83	81 80	79 77	77 76	77 76	80.B	93 89	12615 18621		•0	40	34.6	50.0	5.6 15.4	81 84	18
TOT	92	93	85	81	79	77	76	81.5	402	TOT	0	ī	5	43	41	9	80	99

SFPTEHBER

PERIOD: (PRIMARY) 1921-1969 (OVER-ALL) 1857-1969

TABLE 17

AREA 0014 NORTHEAST JAVA SEA 4.75 113.96

PCT	FREO	0#	AIR									PRECIPITATION)
				VS ATR	-SFA	75	MPERA	TUR	F DIFFERENCI	 DEG (	• •	

AIR-SEA TMP DIF	77 80	81 84	85	89 92	TOT	W FOG	WD FOG
9/10	.0	•0	.0	1.4	2	.0	1.4
7/8	•0	•0	٠.	1.4	2	.0	1.4
5	.0	•0	3.5	.7	6	.0	4.3
4	.0	2.1	.7	.0	4	.0	2.8
3	.0	•0	1.4	.0	2	.0	1.4
Ž	.0	12.1	1.4	ō	19	.õ	13.5
•	1.4	4.3		ŏ	•	.ŏ	5.7
4							
0	3.5		.0	•0	41	٠.	29.1
1 0 -1	3.5	12.8	.0	.0	23	.0	16.3
-2	7.1	7.1	.0	.0	20	.7	13.5
-3	2.1	2.1	.0	.0	6	.0	4.3
-4	2.1	•0	.ŏ	ň	3	.õ	2.1
-5	2.1	.0	.0	ň	3	.ŏ	2.1
					•		
-6	1.4	•0	.0	•0	2	٠.	1.4
TOTAL	33		10			1	140
		93		5	141		
877	92.4	44-0	7.1	3.4	100.0		90 3

PERIOD: (OVER-ALL) 1963-1969

				•	T FRED	OF WIND	SPEED	(KTS)	AND DIREC	CTION V	ERSUS S	EA HEIG	HTS (FT)	ı	
				N								NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	•0	٠.	•0	.0	•0	-0	•0		•0	•0	.0	- 0	•0	•0	.0
1-2	.0	.0	•0	.0	.0	.0	.0		•0	.5	.0	-0	•0	.0	.5
3-4	•0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	.0	.0
5-6	•0	.0	•0	•0	•0	.0	.0		•0	•0	•0	.0	•0	.0	.0
7 8-9	.0	.0	•0	.0	.0	•0	•0		•0	•0	.0	•0	•0	•0	• •
10-11	.0	.0	•0	.0	•0	•0	•0		•0	.0	.0	•0	•0	•0	•0
12	.0	.0	•0	.0	.0	.0	.0		•0	.0	•0	.0	•0	•0	•0
13-16	ĕ	:0	.0	.0	.0	.0	.0		.0	.0	•0	.0	•0	.0	•6
17-19	ċċ	.0	.0	:0	.0		.0		.0	ě	.0	:0	.0	.0	
20-22	.ŏ	ŏ	.0		ě		.0		.0		.5	.0	.0	.0	.0
23-25	.0		.0		.0				ő	.0		.0	.0	.0	.0
26-32	.0	.0	ě	.6					.0	.0	.6		.0		.0
33-40	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0		•0	.0	•0
41-48	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	•0
49-60	.0	.0	.0	•0	.0	•0	.0			.0	.0	.0	•0	.0	•0
61-70	.0	.0	•0	•0	.0	•0	.0		.0	.0	.0	.0	•0	.0	.0
71-86	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	•0	•0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0		.0	•0	.0	.0	•0	.0	.0
TOT PCT	•0	.0	•0	•0	•0	.0	•0		•0	.5	.0	•0	•0	•0	.5
				E								SE			
HCT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
•	.0	.0	•0	.0	.0	.0	.0		.0	4.3	.0	.0	.0	.0	10.0
2	.0	8.2	4.8	.0	.0	.0	13.0		.0	13.5	5.3	.0	.0	.0	10.0
J-4	.0	5.8	4.3	.0	.0	.0	10.1		.0	2.9	15.4	•0	•0	.0	10.3
5-6	.0	.0	6.7	•0	.0	.0	8.7		•0	1.9	2.9	•0	•0	.0	4.8
7	.0	.0	•0	.0	•0	٠,	.0		•0	•0	•0	.0	•0	•0	.0
8-9	•0	.0	•0	.0	.0	.0	.0		•0	.0	•0	.0	٠.	.0	•0
10-11	•0	.0	•0	.0	.0	•0	•0		•0	•0	•0	•0	•0	•0	•9
12	.0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	•0	•0
13-16	.0	.0	•0	.0	.0	٠0	•0		•0	•0	•0	.0	•0	.0	.0 .0
17-19 20-22	•0	.0	•0	٠٥	.0	•0	•0		•0	•0	•0	•0	•0	•0	••
23-25	.0	٠.٥	•0	.0	•0	•0			•0	.0	.0	•0	•0	•0	•0
24-32	.0	.0	.0	٠.	.0	•0	•0		•0	.0	•0	•0	•0	•0	•0
33-40	:0	:0	•0	•0	.0	••	• • • • • • • • • • • • • • • • • • • •		•0	.0	•0	•0	•0	•0	•0
41-48	.0	.0	•0	.0	.0	.0			.0	.0	•0	•0	•0	•0	•0
49-00			.0	.0	.0		•0		.0	.0	.0	:0	.0	:0	•0
41-70	ä	.;	•0	.0	.0	:0	•0		.0	.0	.0	.0	•0	.0	:0
71-00		.ŏ	.0		.0		•0		ě	ě		:0	.0		
87+			.0	.0		.0	.0		ŏ			.0	.0	ŏ	
TOT PCT	.0	13.9	17.8	.0	ŏ	.0	31.7		ŏ	22.6	23.6	.0	ě	.6	44.2

								S	EPTEMBER				ADEA	0014 N	OBTHEA:	ABE AVAL TE
PERIOD:	COVE	-4(1)	1403-1	707				TABLE	18 (CONT						5 113	
				PC	T FREQ D	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HFIG	HTS (FT)			
HGT	1-3	4-10	11-21	S 22-13	34-47	48+	PCT		1-3	4-10	11-21	5W 22-33	34-47	48+	PCY	
<1		1.4	•0	.0	.0	•0	1.4		.0	.0	.0	.0	•0	•0	.0	
1-2	.0	2.9	1.4	.0	.0	.0	4.3		3.8	1.9	.0	•0	•0	.0	5.8	
3-4	•0	2.9	1.4	.0	•u	•0	4.3		•0	•0	٠ç	•0	•0	•0	•0	
5-6	•0	.0	•0	•0	•0	•0	•0		•0	.0	•0	•0	•0	.0	•0	
.7.	.0	.0	•0	•0	.0	•0	•0		.0 .0	.0	.0	.0	•0	.0	.0	
8-9	٠٥	.0	•0	.0	.0	.0	.0		.0	.0	.0	:0	.0			
10+11 12	.0	.0	•0	.0	.0				ě	ŏ			.0	.ŏ	.0	
13-16	ŏ	.ŏ	.0	.ŏ	.0	.0			ŏ	.0	• 5	.0	•0	.0	40	
17-19	ě	.ŏ	٠٥	.ŏ	ŏ	.0	.0		ŏ		• ŏ	·ŏ	•0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0		,0	.0	.0	.0	•0	.0	•0	
23-25	.0	.0	.0	.0	.0	.0	.0		•0	.0	.0	•0	•0	.0	•0	
26-32	.0	.0	•0	0	•0	.0	.0		•0	•0	•0	•0	.0	.0	•0	
33-40	.0	.0	•0	.0	.0	•0	•0		•0	.0	•0	•0	40	.0	•0	
41-48	•0	.0	•0	.0	•0	•0	•0		•0	•0	•0	•0	•0	•0	.0	
49-60	•0	.0	•0	.0	•0	•0	•0		•0	• 0	•0	•0	•0	.0	•0	
61-70	•0	.0	•0	.0	•0	•0	•0		•0	.0	•0	.0	•0	.0	•0	
71-86	٠0	.0	•0	.0	.0 .0	•0	••		•0	.0	.0	.0	•0	.0	:0	
674 TOT PLT	.0	.0 7.2	2.9	.0	.0	.0	10.1		3.0	1.9	.0	.0		.0	5.8	
												NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
46'	1.0	0	.0	.0	.0						.0	.0	.0	.c	.0	• • •
1-2		.0	•0	.0	.0	•0	.0		.0	•0	.0	.0	•0	.0	.0	
3-4	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	٠Ō	.0	
5-6	.0	.0	.0	.0	.0	•0	.0	l	.0	.0	.0	.0	.0	•0	•0	
7	.0	.0	.0	.0	•0	•0	•0		•0	•0	•0	30	•0	•0	•0	
8-9	.0	•0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	•0	•0	
10-11	.0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	•0	•0	
12	•0	.0	•0	•0	.0	•0	•0		•6	.0	.0	.0	•0 •0	•0	•0	
13-16	•0	.0	•0	.0	•0	.0	•0		•0	.0	.0	.0	.0	.0	.0	
17-19	•0	.0	•0	•0	•0	.0	.0		.0	.0		.0	.0	.0		
20-22 23-25	.0	.0	•0	.0	.0	.0	•		ŏ		ĕ		.0		.0	
26-32			.0	.0	.0				ñ	.0	.ŏ	.0	.0	.0	.0	
33-40			.0		.0				ő	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
49-00	.0	.0	.0	.0	.0	.0	.0	)	.0	.0	.0	.0	•0	.0	.0	
61-70	.0	.0	.0	.0	•0	.0	•0		•0	.0	.0	-0	•0	•0	•0	
71-86	•0	.0	•0	.0	•0	.0	• 0		•0	•0	•0	.0	•0	.0	•0	
87+	.0	.0	•0		•0	•0	• •		•0	•0	•0	.0	•0	•0	•0	94.2
TOT PCT	.0	.0	•0	.0	.0	•0	•0	,	•0	•0	•0	•0	•0	.0	•0	79.6

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	5.8	5.8	.0	.0	.0	.0	11.5	.,,
1-2	3.8	26.9	11.5	.0	.0	.0	42.3	
3-4	.0	11.5	21.2	.0	.0	.0	32.7	
5-6	.0	1.9	11.5	.0		.0	13.5	
7	.0	.0	•0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.õ	ě	.0	0	.0	Ö	. 5	
12	.ŏ	.0			.0		.0	
13-16		.0		ŏ	.0	.0		
17-19	.0			ŏ	.0	.0	.ŏ	
20-22							.0	
23-25	ö		.0	.0				
26-32	.ŏ	.ŏ	ě				.0	
33-40	ĕ	٠٥	::				ŏ	
41-48	.0		.0					
49-60			ĕ					
	•0	•0						
61-70	٠.٥	•0	.0				•0	
71-86	•0	•0	•0				•0	
67+	.0	•0	•0	.0	.0	.0	.0	
TET BET	9.4	46.7	46.2	.0	.0	.0	100-0	52

THE PERSON AND THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS

TABLE 19 PERIOD: (OVER-ALL) 1953-1969 MEAN MGT 3 4 3 3 8-9 10-11 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 49-60 61-70 71-86

.0 .0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0
.0 .0 TOTAL 50 8 9 0 11 0 6 77 100.0 PERIGO (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT .0 .0 .0 .0 .0 7 .0000000000 3-4 26.0 3.9 .0 .0 1.3 .0 1.3 25 32.5 1-2 33.8 1.3 2.6 .0 .0 .0 2.6 31 40.3 5-6 15.L 5.2 1.3 .0 .0 .0 1.3 18 23.4 ...... 000000000 ......... ........ 000000000 ...... 0000000000 000000000 000000000

OCTOBER

PERIOD: (PRIMARY) 1920-1971 (OVER-ALL) 1858-1971

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TABLE 1

AREA 0014 NORTHEAST JAVA SEA 4.75 114.1E

PERCENT	FREQUENCY	Ð.	WFATHER	DECURRENCE	BY	WIND	DIRECTION
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												-			
			•	RECIPI	TATIO	N TYPE					DIHER	HEATHER	PHEND	MENA	
WND DIR	RAIN	PAIN Shwr	DR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HEUR	THOR LING	FOG ND PCPN	FOG WO PCPN PAST HR	SMOKE		
N	28.6	.0	14.3	.0	٠.	.0	.c	42.9	.0	.0	.0	•0	•0	•0	57.1
NE	.0	.0	9.1	.0	.0	.0	.c	9.1	.0			.0			
Ε	.0	1.1	.0	.0			.c				0		•0		90.9
ŠE	. 9							1.1	•0	1.0	1.1	.0	1.1	•0	95.1
**			.0	•0	•¢	.0	•0	1.4	•0	3.0	2.3	•0	1.4	.0	91.6
ž	.0	.0	5.1	٠.	•0	.0	.0	5.1	.0	5.1	.0	•0	5.1	.0	84.0
S۳	.0	.0	.0	.0	.0	.0	.0	.0	4.8	.0	.č	•0			95.2
¥	11.0	5.9	.0	.0	. 5	.0	.0	17.6	4.4				•0	•0	
Nie	20.0		ŏ							11.8	•0	•0	•0	•0	72.1
VAR					.0	.0	.C	20.0	•0	.0	.0	• 6	•0	.0	60.0
	.0	.0	.0	.0	.0	.0	•C	.0	.0	.0	.0	•0	.0	.0	.0
CALM	.0	.0	.0	.0	•0	.0	•C	.0	•0	.0	•0	•0	20.0	.0	80.0
TOT PCT	2.3 213	.9	.•	•0	•0	.0	•0	4.2	.5	3.3	1.4	•0	1.9	•0	19.2

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURPENCE BY HOUR

			•	RECIPI	T4T10	N TYPE					STHER	HEATHER	PHENO	MENA	
HOUR (GHT)	RAIN	RAIN SHWR	DRZL	FRZG PCPN	SNOW	DTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	FBG HB PCP4	FOG WO PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SHOW	
00003 06009 12015 18621	1.9 1.8 .0 5.2	.0 2.0 1.7	1.9	.0	.0.0	.0	• • • • •	3.8 3.0 2.0 6.9	1.9 .0 .0	1.9 .0 .0 10.3	1.9	•0	1.9	.0 .0 .0	90.4 92.9 92.0
TOT PCT	2.3	.9	.9	•0	.0	•0	.0	4.2	.5	3.2	1.4	•0	1.9	•0	89.4

### TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

HND DIR	0-3	4- #I		22-33 ED (KN)	315) 34-47	48+	TOTAL DBS	PCT FREQ	MEAN SPD	on	03	06	H3UR 09	(GMT) 12	15	18	21
N NE E SE SE S S No VAR CALM TOT UBS	.2 .4 1.0 1.0 1.0 .1 .0 2.6 38	1.5 13.2 39.4 8.9 2.0 2.4 .8	103 22-2	000000000000000000000000000000000000000	• • • • • • • • • • • • • • • • • • • •	••••••	465	2.0 21.6 53.9 11.0 2.5 4.4 1.1	5.5 5.3 9.3 9.2 7.4 6.5 6.0 8.7	.7 1.3 20.0 55.3 11.3 3.0 7.0 .0 .0	.7 22.3 61.5 5.8 .7 3.7 1.7	1.2 5.2 3.5 .0 2.3 43	22.4 59.9 13.2 1.5 1.5 0.0	13.4 4.2 3.5 1.4 .0 2.8	-0 5.8 21.5 51.7 9.3 4.7 -0 -0 7.0	2.5 .0 16.1 45.6 10.0 3.6 11.9 .6 .0 7.5	2.0 1.0 32.8 48.5 5.9 2.0 3.9 2.0 2.0
	200	44.0	2,41	. 4	•0	•0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WND DIR	0~6	#1ND 7-16	SPEED 17-27		41+	TOTAL 385	PC7 FREQ	MEAN SPD	00	HBU- 06 09	R (GMT 12 15	1 18 21
NE F SE S W W W W W W W W W W W W W W W W W W W	1.7 7.8 13.0 4.5 1.8 2.8	.2 .3 12.1 39.4 6.5 .7	1.6 1.5 .0	.0 .2 .1 .0	00000000		2.0 21.6 53.9 11.0 2.5 4.4 1.1	5.5 5.3 9.3 9.2 7.4 6.5 6.0	.7 1.0 21.1 58.4 10.1 1.8 5.4	19.8 50.5 14.0 1.4 2.9	5.3 20.2 90.9 11.8 4.4 2.2	2.2 .5 20.4 47.3 7.7 2.7
VAR CALM TOT ORS TOT PCT	2.6 164 75.3	206 61.5	14 3.0	.0 1	٥٠	405	2.6	.0 8.4	.0 .7 149	1.8	.0 4.4 114	1.4 .0 4.4 91

PER10D:	(OB!manus							OCTORER	l					
, entop.		1920-1971 1858-1971 TARLE 4								AREA 0014 NORTHEAST J 4,75 114.16				
				FER	CENTAGE	FREQU	saca Cb							
		HDUK	CALM	l=3	4-10	#[ND 11-21	SPEED 22-33	(KNDTS) 34-47	48+	MEAN	PCT FREQ	TOTAL DBS		
		00603 06609 12615 16421 TOT	1.8 4.4 4.4	6.0 4.5 6.1 5.5	71.1 65.8 73.7 62.6 320	21.5 20.1 14.9 27.5 103	.7 1.8 .9 .0		•••	9.0 7.8	100.0 100.0 100.0 100.0	149 111 114 91		

TABLE 5 PCT FRED OF TOTAL CLOUD AMOUNT (EIGHTHS)												₹.	ABLE 6					
WND DIR	0-2		BY WIN 5-7	9 E	TCTAL	(EIGHTHS) MEAN CLOUD	000	PERCENTAGE PREQUENCY OF CEILING HEIGHTS (FT, NH )4/8) AND OCCURRENCE OF NH <5/8 BY MIND DIRECTION 150 300 400 1000 2000 2000 7000 7000										
N NE	.0	.0	.9 2.6	03260	CBS	7.0 5.6	149 •0 •0	294	300 399	999	1000	2000 3499	3500 4999 .0	5000 0499	6500 79 <b>99</b>	*000	ANY HGT	
5 5 5	7.3 13.7 4.7	1.7 17.7 3.6 1.1	7.9 17.3 3.6	.9 .9		3.6 3.7 3.4 5.8	•0	•0	.0	1.5	.0 • 3.4	.6 1.1	1.9	•0	•0	.0		
W NH VAR CALM TOT Das	.0 .0 .9	•.7 •2 •0 •0	2.6	3.2 .9 .0		5.4 6.5 .0 3.5	•0 •0 •0	•0 •0 •0	.0	.9	.2 2.4 .0 .0	0000	.6	•6 •0	•0	.0	1.3 6.8 1.5	
TOT PCT	26.5	29.1	37.6	4.8	100.0	4•1	•0	•0	.0	4.3	6.8	1.7	4.3	.0 2 1.7	•0	.0 1 .9	94 80.3	117 100.0

				TAPLE	7			
	Cui	MULATIVE OF CEILI	PCT FRE	BE SIM T (NH )4,	ULTANEDU: /8; AND 1	S DECURRE	NCE	
CEILING (#EET)	• CR >10	= UR >5	• OR >2	VSBY (N) - OR >I	+ DA >1/2	≠ GR >1/4	= 0R >50YD	• 0R >0
• DR >6500 • TR >5000 • TR >3500 • TR >2000 • TR >1000 • OR >600 • OR >300 • TR > 150 • TR > 0	.0 1.7 0.0 7.7 12.8 15.4 15.4 15.4	.9 2.6 6.8 8.5 13.7 17.9 17.9 17.9 17.9	2.6 6.8 6.5 15.4 19.7 19.7 19.7 23	2-6 6-8 8-5 15-4 19-7 19-7 19-7 23	2.6 6.8 8.5 15.4 19.7 19.7 19.7 23	2.6 6.8 6.5 15.4 19.7 19.7 19.7	2.6 6.8 8.5 15.7 19.7 19.7 19.7	2.6 6.8 8.5 15.4 19.7 19.7 19.7
TOTAL NUMBI	FR OF OB	S: 11	7	p	CT FRED	NH <3/8:	80.3	

	TABLE 74												
		,	ERCENT	IGE FR	EQ OF	ion er	0005 (	EIGHT	H\$)				
			3							TOTAL			
11.4	17.9	22.0	19.5	7.8	12.2		4.1	2,4	•0	123			

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								ngt	OBER						
PERIOD: (PRIMARY) (OVER-ALL	(PRIMARY) 19 (OVER-ALL) 16		TABLE 8								ARE	A 0014	NORTHEAST JAVA SEA 4.75 114.1E		
			P	FRCENT	FREQ PREC	OF WING	DIREC	TION V	S DCC	URRENCE ALUES O	OR N	ON-DCC	URRENC Y	E OF	
V5:			•	NE	E	SE	S	Sw	Ħ	NW	A + 1	CALM	PCT	TOTAL	
€1	/2	PCP NO PCP TOT %	.0 .0	.0	•0	.0	•0	•0 •0	.0	•0	.0	•0	•0		
17	2<1	PCP NO PCP TOT 3	.e .e	•0	.0	•0	•0	•0 •0	.0	.0	.0	•0	.0		
1<	2	PCP NO PCP TOT %	.5	.0	.0 .7	.0 .7	•0	•0	.0	•0	•0	.0	1.9		
2<	5	PCP NO PCP TOT %	.00	.0	.0	.0	•0	• • • • • • • • • • • • • • • • • • • •	.0	.0	•0	•0	.9		
5<	:10	PCP NO PCP TOT 1	.7	.2	.2 3.4 3.6	.7 7.6	.0 1.6 1.6	•0	1.4 1.4	.5	•0	•0	1.9 16.4 18.3		
10	•	PCP ND PCP TOT \$	.0	1.6	17.0 17.0	.0 41.1 41.1	.5 7.0 7.5	.0 1.8 1.4	5.2	1.9	•0	.0 1.4 1.4	77.5 78.4		
		TOT DBS	1.6	2.6	21.4	50.1	9.2	2.4	8.0	2.3	.0	2.3	100.0	213	

TABLE .

PERCENT FREQ OF MIND DIRECTION VS MIND SPEED MITH VARYING VALUES OF VISIBILITY													
VSBY	\$90	N	NE	Ě	SE	S	Sw	w	7416	YAR	CALM	PCT	TOTAL
(Am)	KTS		_	_					_	_	_		202
	0-3	•0	•0	•0	.0	•0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	•0	• • •	•0	•0	•0	•5	•0	.0	•0		•0	
	:1-21	•0	.0	•0	.0	•0	•0	.0	.0	•0		.0	
	22*	•0	.0	•0	•0	•0	•0	.0	• ?	•0	_	•0	
	70T \$	.0	.0	•0	•0	•0	•0	.0	•0	.0	•0	.0	
	0-3	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	•0	•0	.0	.0	.0	.0	•0	.0	.0		.0	
	11-21	•0	•0	•0	.0	•0	.0	•0	.0	•0		.0	
	22+	٠.	•0	•0	.0	• 0	.0	.0	.0	•0		.0	
	101 %	.0	.0	•0	•0	•0	.0	•0	.0	•0	•0	.0	
	0-3	.0	.0	.0	٠.	.0	.0	.0	.0	.0	.3	.3	
1<2	4-10	.3	.0	.3	.6	.0	.0	.0	.0	.0		1.2	
	11-21	.0	•0	. 3	.0	.0	.0	.0	.0	.0		. 3	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.3	.0	• 6	.6	•0	.0	•0	.0	.0	.3	1,8	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	
2<5	4-10	.0	.0	.6	. 5	.2	.0	.0	.0	.0		1.2	
	11+21	.0	.0	.0	.0	.0	.0	.6	.0	.0			
	22+	.0	.0	• 0	•0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	.0	• •	.5	.2	•0	.6	•0	.0	.3	2.1	
	0-3	.0	.0	•0	.3	.3	.0	. 6	.0	.0	.3	1.5	
5<10	4-10	. 5		1.5	4.8		.2	.3	.0	.0		1.6	
	11-21	.0	.0	1.5	1.0	.0	.3	.0	. 3	.0		3.1	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		, õ	
	TOT S	.5	.6	3.0	6.1	1.1	.5	. 9	.3	•0	.3	13.2	
	0-3	.3				.3	.1	1.1	.1	.0	1.2	5.2	
10+	4-10	.0		10.3	33.1	7.9	2.1	2.6	1.2	.0	•••	56.0	
•••	11-21			3.0	11.4	1.3		0		.0		18.7	
	22+			7.7						.ŏ			
	TOT \$	.3	1.4	17.0	45.6	7.5	2.4	3.7	1.2	.0	1.2	82,6	
	TOT DBS												926
1	TOT PCT	1.1	2.0	21.0	52.7	10.7	2.8	5.2	1.5	.0	2.1	100.0	

DCTOBER

PERIOD:	(PRIMARY)	1920-1971
	(DVER-ALL)	1858-1971

TABLE 10

AREA 0014 MORTHEAST JAVA SEA 4.78 114.1E

PERCENT	FREQUENCY	OF	CEILIN	IG HEIGHT	S (PEET, NH	>4/81	AND
				NU 48 18			

MOUR (GMT)	000 149	150 299	300 300	999	1000	2000 3499	9500 4999	9000 6499	6500 7009	<b>\$</b> 000+	TOTAL	NH <5/8 ANV HGT	TOTAL DBS
00603	.0	•0	•0	•0	₽.0	4.0	4.0	.0	.0	.0	16.0	84.0	25
90300	.0	.0	•0	8.8	11.8	.0	.0	2.9	.0	.0	23.5	76.5	34
12615	.0	.0	.0	7.1	•0	.0	3.6	3.6	.0	3.6	17.9	82.1	28
18621	.0	.0	.0	•0	5.7	2.9	8.6	•0	.0	•0	17.1	82.9	35
707 734	.0	.0	0	5	8.0	1.6	<b>5</b>	2	.0	1	. 23	99	122

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY V584	(NM)	BY HOUR		٠ د	UMULAT	IVE PCT	FREQ HGT	OF RAN	GES OF NH >4/8	VSBY (NM)	AND/DR
HOUR (GMT)	<b>&lt;</b> 1/2	1/2<1	1<2	245	5<10	10+	TOTAL CBS		HDUR (GMT)	<150 <50YD	<600 €1	<1000 <5	1000+ AND5+	NH 45/8 AND 5+	TOTAL DBS
E0300	•0	•0	2.1	•0	12.4	85.6	97		00603	.0	.0	.0	16.0	84.0	25
90360	•0	.0	1.9	2.6	11.5	84.6	78		90360	•0	•0	9.4	15.6	75.0	32
12615	.0	٠.0	1.3	2.5	16.5	79.7	79		12615	•0	•0	7.1	10.7	<b>02.1</b>	28
10021	.0	•0	2.7	4.0	14.7	78.7	75		18621	•0	•0	6.3	12.5	01.3	32
TCT PCT	.0	.0	1.8	7 2.1	45 13.7	271 82.4	329 100.0		TOT PCT	0	.0	7	13.7	94	117

748+E 12

				7	ARLF 1	3									TABL	E 14				
	PERC	ENT FR	EONENC	Y OF P	ELATIV	E HUMI	D1TY 8	Y TEMP	TOTAL	PCT		PERC	ENT FA	EQUENÇ	Y 0F W	IND DI	RECTIO	N 8Y T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	085	FREG	N	NE	£	SE	S	SW	H	Nii	VAR	CALM
90/94 85/89 80/84 75/79 TOTAL	.0		.0	•0	1.5	51.1 7	1.5 27.7 3.6	.0 .0 4.4 .7	13 116 7	.7 9.5 94.7 5.1 100.0	.0 1.5	.0 .4 2.2	2.4 17.5	.7 6.2 43.2 1.8	.0 .5 8.4 .0	2.0	.0 5.8 1.3	.0 1.1 .7	.0	.0 2.9 .c
PCT	.0	•0	•0	•0	5.1	56.9		5.1			1.5	2.6	20.3	52.0	8.9	2.9	7.1	1.8	•0	2.9

TARLE 15

 WEANS, EXTREMES
 AND
 PERCENTILES
 OF
 TEMP
 (DEG
 F)
 BY
 HOUR

 DUM
 MAX
 99%
 95%
 50%
 5%
 1%
 MIN
 MEAN
 TOTAL

 CHT
 DES
 00
 78
 78
 78
 28.5
 149

 MAX
 90
 80
 85
 82
 80
 78
 78
 32.2
 111

 MAX
 90
 80
 85
 82
 80
 78
 78
 82.1
 116

 MAX
 90
 80
 83
 81
 79
 75
 75
 81.2
 91

 MAX
 90
 80
 85
 82
 80
 77
 75
 82.3
 467

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

0-29 30-59 60-69 70-79 80-89 90-100 MEAN TOTAL OBS

0 0 0 15.2 57.0 24.2 3.0 76 38

0 0 0 53.3 57.9 34.2 2.6 78 38

0 0 0 0 5 53.6 43.6 2.6 80 39

0 0 0 7 78 47 7 79 139

OCTOBER

PEPIGD: (PRIMARY) 1920-1971 (GVER-ALL) 1858-1971

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TABLE 17

AREA 0014 NORTHEAST JAVA SEA 4.75 114.1E

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PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FDG (WITHOUT PRECIPITATION)
VS. AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

**	AIRT	354	ENFER	W. O. E		Suct. (Dr		
AIR-SEA THP DIF	73 76	77 80	81 84	85 88	89 92	TOT	FDG	WQ FDG
9/10	.0	.0	.0	.6	. 6	2	•0	1.1
4	.0	•0	2.2	1.7	•0	7	•0	3.5
2	.0	.0	7.8	1.1	.0	16	.0	1.9
ī	.0	•0	8.9	.6	.0	17	. 6	8.9
ŏ	.0	1.1	30.7	1.1	.0	59	1.1	31.0
-1	.0	. 6	7.3	1.1	.0	16	•0	1.9
-2		4.5			.0	43	•0	24.0
-3			3.9	.0	.0	``	•0	4.5
	ŏ	2.2	1.7	ŏ		i	•0	3.9
	.ŏ	-::	• . 6	ŏ			.0	ī.i
-6						•		
-7/-8	. 6	•0	.0	.0	.0		•0	•6
-9/-10		•0	.0	۰,0	•0	1	•0	.6
TOTAL	2		148		1		3	176
- • • • •	•	17		11		179		
PCT	1.1		82.7	9.1	. 6	100.0	1.7	98.3

PERIOD: (DVER-ALL) 1963-1971

THE PROPERTY OF THE PROPERTY O

				PC	T FREO C	F WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)		
		4 10		N 22-33	34-47	48+	PCT		1+3	4-10	11-21	NE 22-33	34-47	48+	PCT
HGT	1-3	4-10	11-21		.0	•0	.0		.0	.0	.0	.0	.0	.0	
<u> </u>	.0	.0	•0 •0	•0	.0	:0	.0		ěŏ		.ŏ	.0	.0		
1=2 3=4	:ŏ	:0	•0	.0	.0	.0	.0		ň		70		.0	.0	.0
5-6	:0	.ŏ	.0	.0	.0		.0		'n	.0	.0	.0	.0	.0	.0
7	٠	:6	.0	.0	.0		ŏ		.0	.0	.0	.0	.0	.0	.0
9-9	.5		.0	.0	.õ		.0		.0	.0	.0	. J	.0	.0	.0
10-11	٠٥		.0	.0	.0	.0	.0		.0	.0	.0	•0	•0	.0	•0
12	.0	.0	.0	.0	.0	.0	•0		.0	:0	.0	.0	•0	.0	• 0
13-16	.0	.õ	.0	.0	.0	٠Ó	•0		•0	.0	•0	.0	•0	.0	•0
17-19	.0	.0	•0	.0	.0	.0	•0		•0	•0	.0	-0	•0	.0	•0
27-72	, à	.0	.0	.0	.0	.0	.0		•0	.0	.0	•0	•0	.0	•0
23-25	.0	.0	.0	-0	.0	•0	•0		•0	•0	•0	.0	•0	•0	•0
26-32	.0	.0	.0	•0	.0	.0	•0		•0	•0	.0	.0	•0	•0	•0
33-40	.0	.0	•0	.0	.0	•0	•0		•0	•0	•0	•0	•0	.0	•0
41-48	.0	.0	•0	.0	.0	•0	•0		•0	•0	•0	.0	•0	•0	•0
49-60	٠,	.0	.0	.0	•0	•0	•0		•0	•0	•0	•0	•0	.0	•0
51-70	.0	.0	•0	•0	.0	•0	•0		•0	•0	•0	•0	•0	•0	•0
71-66	.0	.0	•0	-0	.0	•0	•0		•0	•0	•0	•0	•0	•0	•0
87+	٠,	.0	•0	•0	•0	•0	•0		•0	•0	•0	.0	•0	.0	•0
TOT PCT	.0	.0	•0	•0	.0	•0	•0		•0	•0	.0	•0	•0	.0	••
				E								SE			
:157	1-3	4-10	11-21	22-73	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	1.9	+0	•0	.0	•0	1.9		•0	5.4	•0	٠0	•0	.0	5.8
1-2	.0	10.1	1.4	.0	.0	.0	11.5		•0	15.9	2.4	.0	•0	.0	10.3
1-4	.0	1.9	11.1	•0	•0	•0	13.0		•0	15.4	10.1	•0	•0	٠.	25.5
5-0	.0	.0	1.4	.0	.0	.0	1.4		•0	•0	2.4	.0	•0	.0	2.4
7	.0	.0	•0	1.4	.0	.0	1.4		•0	•0	•0	.5	•0	.0	1.0
5-4	.0	.0	1.4	1.4	.0	٠0	2.9		.0	•0	.5	.5	.0	:0	1.0
13-11	.0	.0	•0	.0	.0	.0	•0		.0		.0	.0	.0		.0
12	٠.	٠.	•0	.0	.0	•0	:0		ě		:		•0		
13-16	.0	.0	•0	•0	.0	.0	•0		.0		:0	:0		.ŏ	.0
17-19		.0	•0	.0	•0	.0	.0		.0	.0	.0	.0	•0		.0
50-55	٠.	.0	•0	•0	.0	.0	.0		.0	.0	.0				
73-25	٠.	٠.	•0	.0	••	.0	.0		.0	.0	.5				.0
26-32	•0	٠,٥	•0	.0	•0	.6	:0		ő	.0			•0		
33-40	٠,	.0	•0	.0	.0		:0		ñ						
41-40	•0		.0	•0	.0				ő	.0					
49-00 61-70	:0	:6	•0	.0	.0	:0	.0		ŏ	.0					
71-56	:6	:0	.0	.0	.0		.0		č	.0	.0		.0	ŏ	,0
87+	:5	:6	.,	.0	.0		ŏ		ŏ				.0	.0	.0
TOT PCT		13.9	19.4	2.9			32.2		.0	37.0	15.4	1.0	.0		53.4
TOT PET	• •		. 7 . ~		••	••			•-						

									DCTOBER				4954	0014 W	M <b>R</b> THE A C	ABZ AVAL TE
PERIODI	COVE	-4[[]	1703-1	9/1				TABLE	18 (CONT	1					5 114	
				PC	T FREQ ()	F WIND	SPEED	(KTS)	AND DIRE	CTION	VERSUS S	EA HEIG	HTS (FT	1		
HGT	1-3	4-10	11-21	5 22-33	34-47	46+	PCT		1=3	4-10	11-21	SW 22-33	34-47	48+	PCT	
<1		.0	•0	.0	.0	.0	.0		.0	.0		•0	•0	.0	.0	
1-2	.0	2.9	•0	.0	.0	.0	2.9		.0	3.6		•0	•0	•0	3.8	
3-4	.0	1.9	•0	.0	۰.	•0	1.9		•0	•0		•0	•0	.0	••	
5-6	.0	.0	•0	.0	•0	.0	.0		.0	.0		.0	•0	•0	•0	
7	.0	.0	•0	•0	•0	•0	•0		•0	•0		.0	•0	٠.٥	•0	
4-9	•0	.0	•0	.0	.0	•0	•0		•0	•0		•0	•0	.0	.0	
10-11	•0	.0	•0	.0	•0	•0	.0		•0	•0		•0	•0	.0	.0	
12	•0	.0	•0	.0	.0	•0	•0		•0	.0		•0	•0	٠٥	.0	
13-16	٠.0	.0	٠,٥	•0	.0	.0	.0		•0	.0		.0	.0	ŏ		
17-19	.0	.0	•0	.0	.0		.0		.0						.0	
20 <b>-22</b> 2 <b>3-25</b>	.0		ě		.0				ő	.0		.0	.0	.0	.0	
26-32	.0		.0				ŏ		ŏ			.0	•0	.0	.0	
33-40	.0	.0	.0		.0	.0			.0	.0		.0	.0	.0	.0	
41-48	.0		.0	.0	.0	.0	ō		.0	.0		.0	•0	.0	.0	
49+60	.0	.0	•0	.0	.0	.0	.0		.0	.0		.0	•0	.0	•0	
61-70	.0	.0	•0	.0	.0	.0	.0		.0	.0	0	.0	•0	.0	.0	
71-66	.0	.0	•0	.0	.0	.0	.0		•0	•0		.0	•0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0		.0	• (		•0	•0	•0	.0	
TOT PCT	•0	4.8	•0	•0	.0	.0	4.8		•0	3,6	.0	.0	•0	•0	3.8	
																TOTAL
				۳						4-17		NW 22-33	34-47	48+	PCT	PCT
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4=10		.0	•0	.0	.0	PC1
<1	•0	.0	•0	.0	•0	•0	.0		.0	• 0		•0	•0	.0		
1-2 3-4	.0	.0	•0	.0	•0	.0	:0		•0			:0	.0		1.9	
5-6	.0	.0	•0	:0	ň		.ŏ		ŏ				.0	.0		
7,0	.0	.0	ě		ò		.0		ŏ			.0	.0	.0	.0	
8-9		.õ	•0	.0	.0	.0	.0		.0			.0	•0	.0	.0	
10-11	.0		.0	.ŏ	.0	.0	.0		.0			•0	.0	.0	.0	
12	.0	.0	•0	.0	.0	•0	.0		.0		• • •	.0	•0	•0	•0	
13-16	.0	.0	.0	.0	.0	.0	.0		.0	• (	.0	.0	•0	•0	•0	
17-19	.0	.0	.0	.0	.0	•0	.0		•0	• (		.0	•0	•0	•0	
20-22	.0	.0	•0	-0	.0	•0	.0		•0	• 0		•0	•0	.0	•0	
23-25	.0	•0	•0	.0	•0	• 0	.0		•0	• 9		•0	•0	•0	•0	
26-32	.0	.0	•0	.0	•0	•0	.0		•0			•0	•0	.0	•0	
33-40	.0	•0	•0	•0	.0	.0	•0		•0	•9		•0	•0	•0	•0	
41-48	•0	.0	•0	•0	•0	•0	•0		.0	•9		•0	•0	•0	•0	
49-60	•0	.0	•0	.0	.0	.0	.0		•0	• 5		.0	•0	.0	•0	
61-70	٠.٥	.0	•0	.0	•0	•0	•0		٥.	•(		•0	•0	.0	•0	
71-86	•0	.0	•0	.0	.0	.0	.0		.0			.0	.0	.0		
87+	.0	.0	•0	•0	.0	:0	.0		.0				•0		1.9	96.2
TOT PCT	•0	•0	•0	•0	• •	••	••		•0	•	,	••		••	•••	

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	MIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	707 085
<1	3.8	7.7	.0	.0	.0	.0	11.5	4
ì-2		32.7	3.8	. 6	.0	.0	36.5	
3-4	.0	19.2	23.1	.0	.0	.0	42.3	
5-6	.0		3.8			.0	3.8	
7	.ŏ		.0	1.9		.0	1.9	
8-9	.0		1.9	1.0		.0	3.1	
10-11	.0					.0		
12	.0	.0	.č			.ŏ		
13-16	.ŏ			ő				
17-19	.0			ĕ			ě	
20-22	.0	.0		.0	.0		.0	
						.0	.ŏ	
23-25	•0	•0	.0	•0				
26-32	.0	•0	.0				۰.	
33-4C	.0	.0	٠,				.0	
41-48	.0	.0	.0			•0	.0	
49-60	•0	•0	.0			.0	.0	
61-70	.0	•0	.0			.0	.0	
71-86	.0	•0	.0	.0	.0	٠٥	.0	
97+	.0	.0	•с	.0	.0	.0	.0	
								52
TOT PET	3.4	59.6	32.7	3.8	.0	.0	100.0	

8-9 10-11 1.9 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 71-66 .0 .0 .0 .0 .0 1-2 3-4
37.9 25.2
1.0 4.9
.0 1.0
.0 .0
.0 .0
2.6 2.9
43 35
41.7 34.0 #ERIOD (SEC) <6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT MEAN HGT 2 5 3 TQTAL 80 15 1 0 0 7 103 100.0 3.9 4.9 .0 .0 .0 .00.00.00.00 7.8 .0 .0 .0 .0 .0 .0 1.0 000000000 ........ 0000000000 0000000000 ...... ....... 000000000 000000000 0000000000

## NOVEHBER

PERIOD: (PRIMARY) 1922-1969 (SVER-ALL) 1869-1969 TABLE 1

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TO CHARLES AND THE PROPERTY OF THE PROPERTY OF

AREA 0014 NORTHEAST JAVA SEA 4.75 114.18

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V

PERCENT FREQUENCY OF MEATHER OCCURRENCE BY WIND DIRECTION

			,	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHEND	MENA	
WND CIR	RAIN	RAIN SHWR	DR7L	FRZG PCPN	SNOK	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPH PAST HGUR	THOR	FDG WD PCPN	FDG WD PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SHOW	
N NE E S S S W Nb VAR CALM	.0 .0 .0 .0 2.7 5.7 7.1	.0 .0 .0 .0 .0 .0 .0 .0	3.3 .0 .0 .0 .0		•••••••			5.3 .0 .0 .0 .0 11.0 7.1 9.4	.0 .0 .0 .0 1.4 5.0	.0 .0 2.0 10.0 2.7 12.1 15.3		.0	.0 .0 .0 .0 .0		94.7 100.0 100.0 97.1 90.0 84.9 78.7 75.3
TOT PCT	2.3	1.1	.6	.0	.0	.0	.0	4.0	1.1	6.3	.0	.0		•0	88.6

TABLE 2

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE					STHER	WEATHER	PHEND	MENA	
HOUR (GMT)	RAIN	RAIN SHUR	DRZL	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT DB TIME	PCPN PAST HOUR	THDR LTNG	FOG WO PCPN	PDG WD PGPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
00603 06609 12615 18621	2.2 2.4 .0 4.7	2.2 .0 2.2 .0	2.4	.0	.0	.0	.0	4.3 4.8 2.2 4.7	2.2 2.4 .0	6.5 2.4 6.5 9.3	.0	••	2.2 .0 .0	•0	84.6 90.5 91.3 88.4
TOT PCT	2.3 177	1.1	.6	.0	•0	.0	.0	4.0	1.1	6.2	•0	•0	••	•0	86.7

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			22-33		48+	TOTAL DBS	PCT FREQ	HEAN SPD	00	03	06	HOUR 09	(GMT) 12	15	16	21
N NE E SE SW W W WAR CALM TOT OBS	1.1 2.3 1.8 3.1 2.2 2.4 1.3 1.2 7.1	2.5 4.4 14.1 16.2 7.7 6.2 9.1 7.0 .0	.1 .2 1.5 1.5 .4 .6 4.4 1.2	.0	•0	•••••••	408	3.7 7.0 17.3 20.8 10.3 9.1 15.3 9.4 .0 7.1	5.9 4.6 5.4 5.3 9.0 7.3	4.9 3.6 12.3 23.1 10.9 9.7 14.0 3.9	1.7 5.9 20.3 32.2 13.6 5.5 8.1 9.3 .0 3.4 59	5.0 9.0 7.0 21.0 4.0 15.0 26.0 9.0 4.0	5.3 7.9 14.9 30.7 9.6 8.8 13.2 7.9 .0 1.8	3.0 3.8 15.2 15.2 15.2 8.7 8.7 21.2 18.2 .0 6.1	11.5 6.4 10.3 14.1 6.4 .0 10.3	.0 4.2 8.3 2.1 9.4 18.8 28.1 20.8 .0 8.3 24	4.1 10.7 29.5 17.2 6.6 5.7 10.7 5.7 .0 9.8

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNOTS) 28-40	41+	TOTAL DBS	PCT FREQ	HEAN SPD	00 03	HOU! 06 09	12 15	18 21
NEF SES SWWWWW VAR CALM	2.2 5.9 9.2 11.2 8.1 7.2 6.5 4.6 .0 7.1 293	1.3 1.1 8.1 9.6 2.0 1.9 7.5 4.4	1.2	• • • • • • • • • • • • • • • • • • • •	000000000	408	3.7 7.0 17.3 20.8 10.3 9.1 19.3 9.4	5.9 4.7 6.8 6.6 5.4 5.3 9.0 7.3	3.5 4.6 15.8 27.0 15.4 7.9 11.4 6.3 0	5.2 8.2 12.5 27.7 7.9 10.7 17.1 8.2 .0 2.4	3.3 7.6 18.1 13.8 7.9 9.3 18.6 13.8	2.9 8.8 23.5 12.9 7.4 9.4 15.6 10.0 9.4
TOT PCT	42.0	36.0	2.0	.0	•0		100.0		100,0	100.0	100.0	100.0

NOVEMBER

PERIOD: (PRIMARY: 1922-1969 (UVER-ALL) 1869-1969

TABLE 4

AREA 0014 NORTHEAST JAVA SEA 4.78 114.1E

ERCENTAGE	FREQUENCY	ne	-	CREED		MOUR	COMP	
EAPER! WAS	PAERAEUFI	UF	7170	3-660	•	TUUR	(641)	

				WIND	SPEED (	KNOTS :			PCT	TOTAL
≓DUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FREG	OBS
60300	8.1	11.0	70.6	9.6	.7	.0	.0	6.5	100.0	136
90209	2.4	17.1	73.2	7.3	.0	.0	.0	6.1	100.0	82
12615	7.6	19.0	60.0	12.4	1.0	.0	.0	6.3	100.0	105
10621	9.4	16.5	64.7	9.4	.0	.0	.0	5.7	100.0	85
TOT	29	63	274	40	2	Ö	0	6.2		408
PCT	7.1	15.4	67.2	9.8	.5	.0	.0		100.0	

TABLE 5

TABLE 6

•	CT FRE			LOUD A		(EIGHTHS)		4					CEILIN NH <5/					
MND DIE	0-2	3-4	5-7	8 6 98500	TOTAL CBS	COVER	000 149	150 299	300 599	600 999	1000 1999	2005 3499	3500 4999	5000 6499	6500 79 <b>9</b> 9	8000+	NH <5/8 ANY HGT	
N	.c	.0	1.0	3.1		7.5	•0	•0	.0	.0	1.5	1.5	.0	•0	.0	.0	1.0	
NE	.0	.0	2.3	.3		6.3	•0	•0	.0	.0	. 3	.0	.0	•0	.0	.0	2.3	
E	3.8	3.6	2.6	•0		3.4	•0	.0	.0	.0	.0	•0	.0	•0	.0	.0	9.9	
ŠĒ	1.3	4.6	6.4	1.0		5.2	•0	.0	.0	1.0	.0	•0	.0	•0	.0	.0	12.2	
Š	1.0	3.6	.0	1.0		3.6	•0	•0	.0	.0	.0	• 2	.0	•0	•0		5.6	
Š₩	1.0	5.6	3.8	5.6		5.7	•0	•0	.0	1.0	1.3	. 5	.0	•0	.3	.0	13.0	
ŭ	.0	6.9	9.9	9.4		6.0	•0	•0	.0	2.6	3.8	4.6	.0	•0		.0	14.3	
Ñe	1.0	2.3	4.6	7.1		6.0	•0	• 0	.0	1.3	1.3	. 5	.0	• 0	•0	.0	12.0	
VAR	.0	.0	.0	•0		•0	•0	.0	.0	•0	.0	•0	.0	•0	•0	.0	•0	
CALM	3.1	2.0	2.0	.0		3.4	•0	•0	. 0	1.0	7	•0	1.0	•0	.0	.0	5.1	
TOT UAS	ii	28	32	27	98	5.4	ō	n	ŏ	7		٠,	1	ŏ	ĭ	0	74	98
TOT PCT	11.2	29.6	32.7	27.6	120-0		•0	•0	40	7.1	8.2	7.1		•0	1.0	•0	75.5	100.0

TARLE 7

CITM-II ATTUE	BCT EREO	ne.	SIMULTANEOUS	DECHERENCE
ACUATMIT AR	FOI FREM	5-	31-011-445003	DC CUNNE 16E
OR CE11 11	NE HETEMT		AND 1	CRV ANDS

				VSEY (NE	13			
CEIL ING	• OR	- DR	■ DR	- 2R	■ DA	e ng	<ul> <li>OR</li> </ul>	- DR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
• (PR >6500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
• UR >5000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
■ PR >3500	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
■ DR >2000	9.2	9.2	9.2	4.2	9.2	9.2	9.2	9.2
• BR >1000	13.3	14.3	17.3	17.3	17.3	17.3	17.3	17.3
• DR >600	17.3	20.4	24.5	24.5	24.5	24.5	24.5	24.5
■ DR >300	17.3	20.4	24.5	24.5	24.5	24.5	24.5	24.5
• DR >150	17.3	20.4	24.5	24.5	24.5	24.5	24.5	24.5
• DR > 0	17.3	20.4	24.5	24.5	24.5	24.5	24.5	24.5
TOTAL	17	20	24	26	24	26	24	24

TOTAL NUMBER OF OBS: 98

PCT FREG NH <5/6: 75

TABLE 74

## PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD DBS 9.8 12.9 26.0 18.3 10.6 4.8 9.6 3.8 8.7 .0 104

								NOV	EMAER						
PERIOD: (PRIMARY) (OVER-ALL)								TA	DLF 6				ARE	A 0014	NORTHEAST JAVA SEA
			Pf	RCENT						URRENC!				E OF	
VSE (N)			۸	NE	E	SE	5	SW	*	Nu	VAR	CALH	PCT	TOTAL OBS	
<17	<b>,</b> 5	PCP NO PCP TOT \$	.0	.0 .0	•0	•0	•0	•0 •0	•0	•0 •0	0.0	•0	.0		
1/3	2<1	PCP NO PCP TOT \$	.0 .0	.0 .0	•0	•0	•0 •0	•0 •0	.0	.0 .0	.0	•0	.0		
1<	2	PCP NO PCP TOT \$	.0	•0	•0	•0	•0	.0 .0	.0	•0	•0	.0 .0	.0		
2<	5	PCP NO PCP TOT \$	.0	•0	.0	•0	•0	.9 1.1	1.9 2.4	.3	•0	.o .o	1.7 2.3 4.0		
5<	10	PCP ND PCP TOT %	1.0	.0	.0	3.1 3.1	.9	:0	.3 .6	1.1 1.7	.0	•6	1.1 9.1 10.3		
, 10-	•	PCP NO PCP TOT %	.3 4.1 4.4	5.9 5.9	.0 14.1 14.1	.0 16.6 16.6	•0 ••9 ••9	8.4 8.4	16.3 16.9	.3 9.7 10.0	•0	•0 ••6 ••6			
		TOT DBS	5.4	4.3	15.0	19.7	5.7	10.4	20.1	12.1	•0	5.1	100.0	175	

b

**64** 

								S OF V			ED		
V58Y (MM)	SPD KTS	N	NE	£	SE	S	Sh	*	Ne	VAR	CALM	PCT	TOTAL DBS
	0-3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	
<1/2	4-10	.0				ō		ž	.0	.0	•••	1.7	
	11-21	.0	.0	.0	.0	ō	. 0	.0	.0	.0		.0	
	22+	.0	.0	. ō	. ö	.0	.0	.0	.0	.0		.0	
	TOT %	.0	1.0	.5	.5	.0	.5	.2	.0	.0	•0	2.7	
	0-3	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	.0	.0	.0	.0	.0	•0	.0	.0		.0	
	11-21	•0	.0	•0	.0	.0	.0	.0	.0	٠,٥		.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	.0	•0	•0	•0	.0	.0	.0	.0	.0	.0	.0	
	0-3	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
1<2	4-10	.0	.0	.0	•0	.c	.0	.0	.0	.0		.0	
	11-21	.0	.0	•0	•0	.0	.0	.0	.0	.0		.0	
	22+	.0	٠.	•0	•0	•0	.0	.0	.0	.0		.0	
	TOT \$	•0	•0	•0	.0	.0	.0	•0	• 0	.0	.0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	4-10	.0	.2	•7	.2	.0	.4	1.0	.3	.0		2,7	
	11-21	•0	•0	•0	.0	.0	.4	. •	.0	.0		1.0	
	22+	.0	.0	•0	•0	.0	.0	.0	.0	.0		.0	
	TOT &	.0	.2	.7	• 2	.0	. 8	1.6	. 3	•0	.0	3.7	
	0-3	.5	.2	•0	.3	.0	.0	.0	•0	.0	1.0	2.0	
5<10	4-10	.4	.3	.1	1.9	.5	. 5	•7	1.4	.0		6.4	
	11-21	.0	٠.	•0	.0	.0	.0	.3	.0	.0		.3	
	22+	.0	.0	•0	•0	.0	.0	.0	•0	.0		.0	
	TOT \$	. 9	•		2.2	.5	.5	1.0	1.4	•0	1.0	4.4	
	0-3	. 3	1.0	1.6	1.6	1.9	3.0	1.4	1.4	.0	6.4	18.6	
10+	4-10	2.4	4.6	11.5	15.5	6.1	4.9	9.1	5.8	•0		60.1	
	11-21	.0	.0	1.2		.0	.0	3.3	.4	.0		5.7	
	22+	.0	.0	.0	.0	.0	0	3	0	•0		3	
	TOT \$	3.0	5.7	14.3	17.9	7.9	7,0	1, •5	7.6	.0	6.4	84,8	
	TOT DES	3.9	7.3	16.3	20.8	8.4	9.7	17.0	9.2	.0	7.4	100.0	276

NOVEMBER

PERIOD:	(PRIMARY)	1922-1969
	(OVER-ALL )	1869-1969

TABLE 10

AREA 0014 NORTHEAST JAVA SEA 4.75 114.1E

PERCENT	FREQUENCY			>4/81	AND

HOUR (GMT)	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	9000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00603	.0	.0	.0	17.9	10.7	14.3	.0	.0	.0	•0	42.9	57.1	28
06609	.0	.0	•0	9.1	9.1	9.1	.0	.0	.0	•0	27.3	72.7	55
12615	.0	.0	.0	.0	3.4	•0	3.4	.0	3.4	•0	10.3	89.7	29
18621	.0	.0	.0	.0	9.5	4.8	.0	•0	.0	•0	14.3	85.7	21
TOT PCT	.0	.0	.0	7.0	8.0	7.0	1.0	.0	1.0	.0	24 24.0	76 76•0	100

TARLE 11

TABLE 12

		PERCENT	FRFQUEN	CY VS81	(NK)	BY HOUR		CUMULAT					MAN ABER	
HOUR (GMT)	<1/2	1/2<1	1<>	2<5	5<10	10+	TOTAL DBS	HOUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL DB\$
£0300	2.1	.0	•0	6.3	6.3	85.3	- 95	00603	•0	•0	25.0	17.9	57.1	28
90360	3.3	.0	•0	1.6	11.5	83.6	61	90360	•0	.0	14.3	14.3	71.4	21
12615	2,6	•0	•0	1.3	9.2	56.2	76	12615	•0	- •0	0	10.7	89.3	28
18621	3.0	.0	•0	4.5	10.6	81.8	06	18621	•0	•0	.0	14.3	85.7	21
TOT	2.7	0	0	11	27	252	298	TOT PCT	.0	0	10	14.3	74	98 100+0

TABLE 15

TABLE 16

VAR CALM

				1.00	,										••			
	MEANS,	EXTREME	S AND	PFRCEN	ITTL#S	OF TE	1P (DE	G F) 8	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	PTIDITY	SY HOUR	
HOUR (GMT) 00603 06609 12615	MAX 89	99% 88 87	95x 86 87	50% 84 83	5% 79 77	1 <b>*</b> 76 75	#1N 72 75	MEAN 83.0 83.1	TOTAL OBS 136 82	HQUR (GHT) 00203 06209	0=29 .0	30-59	40-69 40-2 2703	70-79 41.7 31.8	80-89 41.7 31.8	90-100 12.5 9.1	81 77	TOTAL 085 24 22
12615 18621 TOT	87 84 89	86 83 88	85 83 86	82 82 83	80 79 79	78 77 76	78 77 72	82.3 81.9 82.6	107 85 410	12615 10621 TOT	•0	•0	3.2	51.6 42.9 42	45.2 57.1 43	.0	79 80 79	31 21 96

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PERIOD: (PRIMARY) 1922-1969

TABLE 17

AREA 0014 'URTHEAST JAVA SE

PCT FRF2 UF AIR	TEMPERATURE (DEG	F) AND THE	OCCURRENCE OF	FOG TWITHOUT	PRECIPITATION
	UC ATR-CEA	TEMBERATIO	E DIEBEBENCE /	DOG-EL	

AIR-SEA THP DIF	69 72	73 76	77 80	81 84	85 88	ŤQŦ	PÖG	NŪ FOG
4	.0	.0	.0	.0	2.5	- 4	٠ō	2.5-
3	.0	.0	.0	.0	.6	1	.0	. 6
2	.0	.0	.0	2.5	139	7	.0	4.3-
ï	٠Ŏ	.0	.0	1.9		4		2.5
ŏ	.0	.0	.ö	20.5	3.1	38	~.0	23.6
•i	.0	.0	.6	12.4	1.2	23		14.3
-2	.ŏ	.0	2.5		1.2	45		28.0
-1 -2 -3	7.5	•0	1.9		•0	10	C	6.2
-4	.0	.0	3.7	8.7		20	٠٥	12.4
-4 -5		·ŏ	1.2			24	.0	2.3
-6	·ŏ	.0	1.2	ŏ	.0			
						2	•0	1.2
-7/-8	.0	•0	.6	.6	.0	2	•0	1.2
-9/-10	•0	+6	.0	•0	.0	1	.0	.6
TOTAL	1		19		18		0	161
		1		122		161	_	
PCT	.6	•6	11.8	75.8	11.2	100.0		100.0

PERIOD: (OVER-ALL) 1963-1959

				- PC	T SRED D	F WIND	SPEED	(XTS) AND D	IRECTI	ON V	ERSUS S	EA HEIG	HTS, (FT)		
HGT	1-3	4-10	11-21	N 22-33	34-47	48+	PCT	,	-3 4	-10	11-21	NE 22-33	34-47	48+	PCT
<1		2.2	.0	.0		7.0	2.2		.0	.0		.6	.0	7.0	
1-2	.0		.0	.0	.0				Š	.7	.0	.0	.0	.0	.7
3-4	ě	.ŏ	ě		.6		.0		ó	ö					ö
5-6	.0	.0	.0	•0	.0	.0	.0		n	.0	.0		.0	.0	.0
7	.0	.0	. č	.0	ě		.0		.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0		.0	.0		.0	.0	ě	.0	•0	.0	.0
10-11	.0	.0	•0	.0	.0	.0	.0		Ö	.0	.0	.0	•0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0		,0	.0	.0	.0	ŏ	.0	.0
13-16	.0	.0	•0	•0	.0	.0	.0		, o	.0	.0		.0		.0
17-19	.0	.0	•0	.0	.0	.0	ŏ		0	.0	7.		.0		.0
20-22	.0	.0	•0	•0	.0	.0	.0		.0	.0	- 7		•0	.0	.0
23-25	.0	.0	٥٠	.0	.0	.0	.0		ò	·		.0	.0	.0	
26-32	.0	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	ŏ		.0
33-40	.c	, Ó	•0	.0	.0	.0	.0		ŏ	.0	.0			.0	.0
41-48	.0	.õ	•0	.0	.0	.0	·ŏ		.0	40	,0	.0	.0	.0	٠٥
49-40	.0 -	.õ	•0	.0	.0	.0	.0		å	ě			.0		.0
61-70	.0	.0	•0		.0	·ŏ	.0		, o	.0	.0	.0		.0	.0
71-86	.0	.0	.0	.0	ŏ	.0	.0		ò	.0	0	.0	.0		.o.
87+	.5	.0	9.0	.0	.0	•0	.0		.0	ō			••	.0	.0
TOT PCT	.õ	2.2	ò	.0	.ŏ		2.2		.0	.7	.0	.0	ŏ		.7
				E								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	- 1	-3 4	-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	40	•0	•0	.0			, 9	•0	.0	•0	•0	.0	2.0
1-2	.ŏ	5.1	2.0	.0	.0	.0	8.1	;		4.7	.,	.0	ŏ	:8	17.5
3-4	.õ	1.1	.0	.ő	.0		8	-	ó	7	2.0	:	.0		3.7
5-6	ō	7.7	.0	.0					ŏ		.0	٠.:	.0	:ŏ	
7	.0	.0	•G	.0	٠	.0	.0		Ö	.0			.0	.0	ŏ
8-7	. 0	.0	.ő	.0	.0	.0	. 0		.0	ō	.0		•0		ō
10-11	.0	.0	.0	•0	.0	,0	.0		.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	•0	.0	.0		.0	.0	.0	.0	40	.0	.0
:3-16	٠,	.0	•0	.0	•0	.0	.0		.0	.0	ō	.0	•0	.ŏ	20
17-19	٠,0	~0	•0	.0	.0	.0	0		.0	.0	.ŏ		•0	.0	.0
20-22	.0	:0	•0	.0	.0	•0	.0		.0	.0	.0	.0	•0	iò	iõ
23-25	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	•0	iŏ	.0
24-32	•0	.0	.0	•0	.0	.0	.0		•0	.0	.0	.0		ŏ	.0
31-40	.0	.0	•0	.0	.0	.0	0		.0	.0	.0	.0	•0	.0	ŏ
41-48	.0	.0	.0	.0	.0	.0	.0		.0	.0	ő	.0	•0	.ŏ	.0
49-60	.0	.0	•0	•0	.0	•0	.0		.0	.0	.0		•0		,0
61-70	.0	.0	.0	.0	.0	• 0	.0		ō	.0	.6	.0	•0	.0	.0
71-86	.0	.0	•0	.0	.0	.0	,0		.0	.0	3,	.0	.0	.0	.0
87+	.0	.0	•0	Q	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
TOT PCT	.0	13.2	2.9	-0	.0	•0	16.2	5	. 1	5.4	2.9	•0	.0	.0	24.3

PERIOD:	(OVE	I-ALL)	1963-1	969				NOYFMBER 18 (CONT:				AREA		NORTHEA 75 114	ST JAVA
				PC	T FREO	OF WIND	SPEED	 AND DIREC		ERSUS S	EA HEIG	HTS (FT:		13 114	•••
				s				 			Sw				
HGT	1-3	4-10	11-21	22-33	34-47	45+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.0	.0	•0	.0	.0	.0	•0	•0	•0	.0	•0	•0	•0	•0	
1-2	.0	.0	•0	•0	•0	.0	•0	2,9	2.3	.0	•0	•0	.0	5.9	
3-4	•0	2.9	•0	•0	'n	•0	2.9	•0	•0	.0	•0	•0	•0	•0	
5-6	•0	•0	•0	.0	•0	•0	•0	• •	• 6	•0	•0	•0	.0	•0	
.7.	.0	•0	•0	•0	.0	•0	•0	- •0	•0	•0	•0	•0	•0	•0	
8-9	•0	.0	•0	•0	.0	•0	•0	• • • • • • • • • • • • • • • • • • • •	•0	•0	•0	•0	• 6	•0	
10-11	•0	.0	•0	.0	•0	•0	•0	•0	•0	.0	•0	•0	.0	•0	
12	•0	•0	•0	.0	•0	•0	.0	.0	.0	.0	•0	•0	.0	.0	
3-16 7-19	.0	.0	•0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.ö	.0	
20-22	.0	.0	•0	.0	:0	.0	.0	.0		.0	.0	•0	ě	.0	
3-25	.0	:0	6	.0	:0		.0	ŏ	ŏ	.0	.0	•0		.0	
6-32		.0	• 6	.0	ñ			ŏ	.0		.0	č	.ŏ	.0	
3-40		.0	ò	.ŏ		.0	.0	.0	ō	.0	.0	•0	.0	.0	
1-48	.o	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	
9-60	ò	.0	- 0		.0	0	.0	.0	.0	.0	.0	.0	.0	.0	
1-70	.0		.0	.0	.o	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	. 0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	
87+	.0	.0	.0	-0	.0	.0	.0	.0	.0	.0	•0	•0	•0	•0	
T PCT	•0	2.9	•0	•0	•0	•0	2.9	2.9	2,9	•0	•0	٠0	•0	5.9	
				w							NW.				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	.0	.0	•0	•0	.0	•0	•0	•0	. 7	•0	•0	•0	.0	.7	
1-2	٠0	1.1	.0	•0	.0	.0	8.8	•0	11.8	•0	•0	•0	.0	11.8	
3-4	•0	7.1	2.7	.0	.0	•0	7.4	•0	3,7	.7	•0	•0	.0	4.4	
5=6	•0	.0	•0	•0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	
.7.	.0	.0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	•0	
8-9	٠0	.0	•0	•0	•0	•0	•0	•0	•0	•0	.0	•0	•0	•0	
10-11	•0	• 6	•0	•0	.c	•0	•0	•0	.0	•0	•0	•0	•0	•0	
12	.0	•0	.0 .0	•0	.0	.0	•0	•0	.0	.0	•0	•0	.0	.0	
13-16 17-19	.0	.0	•0	.0	.0	.0	•0	.0		.0	.0	•0	:0	•0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.ŏ	.ŏ	.0	ě		ě	
23-25	.5	.0	•0	.0	.0	٥:	•0	.0	.ŏ	.0	.0	.0	.0	.0	
26-32	.0			.0	.0	.0	.0	.0	•0			•0	.0	.0	
33-40	.0		ò		ŏ	.0	.0	ő	.0			•0	.0		
41-48	.0	ĕ	• • • • • • • • • • • • • • • • • • • •		ŏ	.0	.0	.0	.0	.0	•0	•0	.0	.0	
49-60	ŏ	.0	.0	.0	, ŏ	.0		, õ	.0	.0	.0	•0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	•0	0	•0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	0	•0	.0	•0	•0	.0	•0	
87+	.0	.0	•0	.0	.0	•0	•0	•0	.0	•0	•0	•0	.0	.0	
DT PCT	٠.	14.0	2.2	-0	.0	.0	16.2	.0	16,2	.7	.0	•0	.0	16.9	85.3

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-39	34-47	48+	PCT	TOT
<1	17.6	2.9	.0	.0	.0	.0	20.6	483
1-2	5.9	44.1	z.9	.0	.ŏ	.0	52.0	
3-4		20.6	5.9	.0		.0	26.5	
5-6	.0	.0	.0	.0	.0	.0	.0	
7.	.0	.0	.0			.0	,0	
8-Č	.0	ě	.c		.0	.0	.0	
10-11	.0	.0	·č			,0	.0	
12	.0	.0	.0			.0	.0	
13-16	.0	•0	.0	.0		.0	.0	
17-19	.ŏ	.0	.0	.0	.0	.0	.0	
20-22	.õ	.0		.0			.0	
23-25	.0	.0	.0			.0	.0	
26-32	.ŏ	.0	.0			.0	.0	
33-40	.0	.0	.0				.o	
41-48	,0	.0	.0			.0	Ü	
49-60	.0	.0	.0			.0	ō	
61-70		.0	.0					
71-86		.0	.0				.0	
174	·ŏ	.0					ě	
2	••	•••	• • •	•		• •	•••	34
TAT BAT	12 6	49.4			-0	•	100.0	•

PERIO	D: (OV	ER-ALL	} 195	2-1969	•				TABLE 1	•											
					PERCENT	FRE	QUENCY D	WA'	VE HEIGH	T (F	P) VS 1	MAVE PE	RIOD	(SECON	187						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16 1	7-19	20-22	23-25	26-32	33-40	41-48	49-40	61-70	71#86	87+	TOTAL	MEAN HGT
<6	14.6	28.0	20.7	£.5	1.2	.0	.0	.0	•0	.0	;0	.0	.0	.0	.0	٠,	.0	•0	.0	60	2
6-7 8-9	1.2	.0	2.4	.0	1.2	:0	•0	:0	••	.00	000	:0	:0	•0	:0	:8	:8	:0	:0	0	3
10-11	.0	.0	.0	.0	.0	.0		.0	•0	.0	• 0	•0	.0	.0	•0	.0	.0	.0	.0	0	
12-13	•0	•0	٠,	.0	.0	.0		.0	•0	.0		•0	.0	•0	•0	.0	.0	.0	.0	0	
>13	•0	.0	.0	.0	.0	.0		•0	•0	.0	<b>,</b> 0	•0	•0		•0	, o	.0	•0	•0		
INDET	11.0	6.1	4.9	.0	.0	.0	•0	•0	•0	.0	.0	•0	.0	•0	.0	.0	.0	.0	.0	18	1
TOTAL	22	28	23	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	2
PCT	26.0	34 1	29.0	8.5	2.4	.0	•0	.0	•0	.0	.0	•0	.0	٠.٥	٠0	٠,٥	.0	•0	٠.	100.0	

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									95654	BER								
PER 100:	(PRIMARY)								TABLE	F 1				REA OOS		THEAS		SEA
	(CAEN-WEE	, 10,1	-;7/2		P	ERCENT	FREGU	ENCY 0	F WEATHE	-	ENCE	BY WI	ND DIRI	CTION	****	•••	• • •	
				91	RECIPI	TATION	TYPE						OTHER	WEATHER	PHEND	MENA		
	WND CIR	RAIN	FAIN Chur	DR7L	PRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIPE	PCPN S		THOR LING	FOG HO PCPN	POG WO PCPN PAST HR		BLWG	RAY DUST SNOW	NO SIG WEA
	N NE E SE SS W W NH VAR CALP	20.0 20.0 11.5 5.7 7.5 16.3 .0 12.5	000000000000000000000000000000000000000	.00	00000000000		•••••••••••••••••		.0 .0 .0 11.5 14.3 13.6 20.3	10.5   3.1 7.2	3	.0 .0 .0 .0 1.4 4.7 10.0 25.0	000000000000000000000000000000000000000	.0	•0 •0 •0 •0 •0 •0		•0	89.5 00.0 00.0 80.0 88.3 72.9 78.5 41.8 0 62.5
	TOT DBS:	136																
						_	<u>-</u>			LE 2			•••					
					RECIPI			FREQUE	NCY OF W	ETTHER :	UCÇURI	RENCE		R Weathei	R PHENS	AFNA		
	HOUR (TMD)	RAIN	RAIN Shur	DRZL	FRZG PCPN		OTHER FRIN PCPN	HAIL	PCPN AT DB TIME	PCPN HDU		THDR LTNG		FDG WO PCPN PAST HI	SHOKE	SP BLWG	RAY DUST SNOW	ND SIG WEA
	00603 06609 12615 18621	16.2 5.9 3.2 7.5	.0 8.8 3.2 5.0	.0000	.0	•••	.0	.0	16.2 14.7 6.5 12.5	8. 8. 3. 2.	8 2	9.7	.0	.0 .0 .0	•6	)	.0	75.7 76.5 80.6 70.0
	TOT PCT TOT CB5:	8.5 142	4.2	.0	.0	•0	•0	•0	12.7	5.	6	6.3	.0	•0	•0	)	•0	75.4
										ule 3								
							FREQUE	VCY OF	WIND DI	HECTION	BY SP	EED AN	D SY H	DUR HOUR	.cu.			
	MND CIR		4-10	0 50EEC 11-21 2	2-33 3	4-47		TOTAL Cas	FREQ	SPD	01	03	06	09	12	15	18	21
	N NE E S S S W Nh VAR CALP TOT DBS TCT PCT	1.6 .7 2.9 .3 1.8 2.9 .0 6.8 2.9	5.7 1.7 1.9 1.0 2.8 11.0 19.7 12.5	.7 .0 .0 .0 3.2 13.2 4.2 .0	.0	.00.00.00.00.00.00.00.00.00.00.00.00.00		206	1.3 4.1 16.0 35.7 20.5	6.3 3.6 4.1 5.0 8.2 9.3 10.1 .0 7.8	1.7 .0 1.7 1.7 3.4 22.4 31.9 23.3 .0 13.8 29	2.2 4.4 2.2 4.4 12.2 36.7 21.1	4,5 6,1 2,3 12,4 34,8 21,2	5.9 .0 5.9 32.4 41.2 5.9	8.7 .0 4.3 5.4 3.3 14.1 31.5 23.9 .0 8.7 23	11.5 .0 7.7 .0 7.7 30.8 34.6 7.7 .0 .0 .0	0 0 0 3.6 9.6 51.9 26.9 7.7 26.0	17.5 .0 5.0 7.5 20.0 22.5 .0 15.0
										SLE 34								
			W	ND DIR	0-6		D SPEE:		TS) 40 41+	TOTAL OBS	FRE			00 03	HOUR C6 09	(GHT) 12 15	18 21	
<i>-</i>			۶,	N NE F SE S N N N N N N N N N N N N N N N N N	4.6 1.7 4.4 1.3 3.3 6.7 12.3 7.0 6.8 99	.5 .0 .8 8.6 21.1 11.2	2.	0 0 0 7 7 3 3 1	0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	206	100.	4 3, 9 3, 3 4, 1 5, 0 8, 7 9, 5 10, 0 8	3 6 1 .0 .2	1.4 3.4 2.0 4.1 10.2 34.8	37.0 16.0 .0 2.0 50	9.7 .0 5.6 3.5 4.9 20.1 32.0 10.1 .0 5.6 36	2.2 3.3 7.6 .0 4.3 8.7 38.0 25.0 .0 10.9	

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DECEMBER

PERIOD: (PRIMARY) 1908-1972 (UVER-ALL) 1871-1972

STEERS STORES STORES SEEDS STATES IN STATES STATES

TARLE 4

AREA 0014 NORTHEAST JAVA SEA 4.75 113.7E

PERCENTAGE	FREQUENCY	ΩF	WIND	SPEED	AY	HOUR	(CHT)	

				WIND	SPEED (	KNOTS			PCT	TOTAL
HUUR	CALM	1-3	4-10		22-33		48+	HEAN	FREQ	DBS
00603	8.1	12.2	56.8	23.0	.0	.0	.0	7.7	100.0	74
90360	2.0	12.0	62.0	22.0	2.0	٠.٥	.0	8.3	100.0	50
12615	5.6	25.0	50.0	13.9	2.8	2.6	.0	7.6	100.0	36
16621	10.9	10.9	54.3	23.9	.0	•0	.0	7.5	100.0	46
TOT	14	29	116	44	2	ì	Ô	7.8		205
PCT	6.8	14.1	56.3	21.4	1.0	. š	.0		100.0	

TABLE 5

TABLE 6

P	CT FRE			GOUD A		(EIGHTHS)		1					CEILIN NH 45/					
WND DIR	0-2	3-4	5-7	8 & 03280	TOTAL CBS	CDVER CLOUD CDVER	000 149	150 299	300 599	600 <b>999</b>	1000 1999	2000 3499	3500 4999	5000 6499	6500 79 <b>9</b> 9	8000+	NH <5/8 ANY HGT	
N	.0	2.3	4.0	.0		5.6	.0	.0	.0	.0	.0	•0	.0	•0	•0	.0	7.2	
NE	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.5	ò	•0	.0	ň	.0	
E	.0	.0	.0	2.6		8.0	.0	.0	.0	.0	.c	•0	1.3	.0	•0	.0	1.3	
ŠE	.0	.0	.0	1.6		8.0	.0	.0	.0	.0	.0	. 3	.0	•0	ě	.0	1.3	
5	.0	.0	1.3	2.0		7.2	•0	.0	.0	.0	.0	1.0	.0	•0	.0	.0	2.3	
ŠW	.o	.0	6.3	3.0		6.9	.0	.0	.0	2.6	2.6	1.3		•0	•0	.0	2.3	
ŭ	4.9	6.3	17.4	14.5		5.9	.0	ڌ٠	1.3	1.9	8.9	1.0	1.0	.0	•0	.0	29.6	
NW	.3	2.0	14.8	6.6		6.6	.0	.0	.0	2.6	3.0	3.0		•0	•0		15.1	
VAR	.0	- 0	.0	•0		.0	.0	• 0	ĬÒ.	.0	.0	•0	.0	•0	•0	.0	• • •	
CALM	1.3	.0	2.6	5.3		6.2	.5		.0		.0	3.9	ě	•0	.0	•0	5.3	
TOT DES	• 5	•	36	27	76	6.3		•	• • •	• • •	11	707	•;	•	•0	•0	749	76
TOT PCT	6.6	10.5	47.4		100.0	•••	•0	۸ń	1.3	6.6	14.5	10.5	2.6	•0	- ^	-0		100-0

TAPLE 7

CUMULATIVE	PCT FREQ	OF SIMULTANEOUS	DCCURRENCE
OF CEILIN	IG HEIGHT	(NH 34/81 AND V	SOY (NH)

				VSBY (NH	13			
CEILING	• OR	- DR	• DR	- OR	• DR	• OR	• DR	- OR
(FEFT)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
- DR >6500	.0	.0	.0	.0	.0	.0	•0	.0
- CR >5000	.0	.0	.0	.0	.0	.0	•0	,o
■ OR >3500	1.3	2.6	2.6	2.6	2.6	2.6	2.6	2.4
■ UR >2000	9.0	11.5	12.8	12.8	12.8	12.8	12.8	12.8
■ DR >1000	20.5	24.4	25.6	25.6	25.6	25.6	25.6	25.6
■ DR >600	26.9	30.8	32.1	32.1	32.1	32.1	32.1	32.1
■ DR >300	26.9	32.1	33.3	33.3	33.3	33.3	33.3	33.3
<ul> <li>OR &gt;150</li> </ul>	26.9	32.1	33.3	33.3	33.3	33.3	33.3	33.3
• DR > 0	26.9	32.1	33.3	33.3	33.3	33.3	33.3	33.3
TOTAL	21	25	26	26	26	50	26	26

TOTAL NUMBER OF OBS: 76

1.

PC

PCT FRED NH <5/81 66.7

TABLE 7A

## PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 DBSCD DBSC 1.2 6.0 28.6 11.9 17.9 9.5 6.0 4.8 14.3 .0 86

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							DFC	EMBER						
PERIOD: (PRIMARY) (OVER-ALL)							TA	BLE .				ARE	A 0014	NORTHEAST JAVA SEA 4.78 113.7E
		P (	ERCENT						URRENCI ALUES I				E OF	
VSBV (NM)		4	NE	ŧ	SE	S	Sw	¥	NW	VAR	CALH	PCT	TOTAL	
€1/2	PCP ND PCP TDT %	.0	•0	.0	•0	•0	•0	.0	.0 .0	••	•0 •0	•0		
1/2<	PCP 1 NO PLP TOT %	.0	.0	.0	•0	•0	•0	.0	.0 .0	.0 .0	•0 •0	•0		
1<2	PCP NO PCP TOT %	.0	.0	.0 .7 .7	•0	•0	•0 •0	•0	•0	•0	•0	.0 .7 .7		
2<5	PCP ND PCP TOT %	.0	.0	.0	.0	•0	•4	.7	1.9 .0 1.9	•0	•0	3.0 .0 3.0		
5<10	PCP ND PCP TOT %	1.3 1.3	1.1 1.1	.0 1.1 1.1	•0	•6	1.5 2.8 4.3	4.1 6.7 10.7	1.9 3.5 5.4	•0	•0 •7 •7	7.4 17.8 25.2		
10+	PCP NO PCP TOT %	5.7 5.7	1:1	.0 2.6 2.6	•2 •7 •9	3.7 4.3	8.3 8.3	26.9 27.4	.9 14.6 15.6	•0	.7 4.4 5.2	3.0 68.1 71.1		
	TOT DBS TOT PCT	7.0	2.2	4.4	.9	4.8	13.0	36.9	22.8	.0	5.9	100.0	135	•

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是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个, 第一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一

			1						VS WII		EO		
VSBY (NH)	SPD KTS	N	NE	£	SE	\$	SW		NW	VAR	CALM	PCT	TOTAL DBS
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	4-10	.0	.0	•0	.0	.0	.0	.0	٠,	.0		.0	
	11-21	.0	.0	•0	0	•0	٠.	.0	.0	.0		.0	
	22+	•0	•0	•0	•0	•0	٠.	.0	•0	•0		•0	
	TOT %	.0	•0	•0	•0	•0	.0	.0	.0	.0	.0	•0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	.0	.0	•0	.0	.0	•0	.0	.0		•0	
	11-21	.0	.0	•0	.0	.0	.0	.0	.0	.0		۰.	
	22+	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT \$	•0	.0	•0	•0	•0	.0	.0	.0	•0	•0	.0	
	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
:<2	4-10	.4	.0	•7	.0	.0	.0	.0	.4	.0		1.4	
	11-21	•0	٠.	•0	.0	•0	٠.	.0	.0	.0		.0	
	22+	.0	.0	•0	.0	•0	.0	.0	۰.	.0		۰.	
	TOT \$	.4	•0	•7	.0	•0	.0	.0	.4	.0	•0	1.4	
	0-3	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.7	
2<5	4-10	.0	•0	•0	•0	.0	.4	.7	1.1	.0		2.1	
	11-21	.0	.0	•0	٠.	•0	.4	3.2	.7	.0		4.2	
	22+	.0	.0	٠٥	.0	•0	.0	.0	٠.	.0		.0	
	TOT \$	•0	•0	•7	•0	•0	.7	3.9	1.8	•0	.0	7.0	
	0-3	1.2	1.1	1.1	.0	.0	.0	.0	.2	.0	.7	4,2	
5<10	4-10	.0	.0	•0	.0	.5	3.3	7.6	4.0	.0		15.5	
	11-21	.0	.0	•0	.0	.0	.7	2.6	.•	.0		4.2	
	22+	.0	.0	•0	•0	.0	.0	.0	.0	•0		۰.	
	TOT \$	1.2	1.1	1.1	•0	.5	4.0	10.2	5.1	.0	•7	23.9	
	0-3	.4	.0	1.4	.2	1.9	1.6	3.0	1.4	.0	4.9	14.8	
10+	4-10	5.1	1.1	1.1	•7	2.1	4.6	13.9	8.1	.0		30.6	
	11-21	٠.	.0	•0	•0	.0	1.8	9.2	3.2	.0		14.1	
	22+	•0	٠٥.	•0	.0	.0	.0	.0	2.1	.0		2.1	
	TOT \$	5.5	1-1	2.5	.9	4.0	7.9	26.1	14.8	.0	4.7	67,6	
	TOT 085												142
1	TO! PCT	7.0	2.1	4.9	.,	4.6	12.7	40.1	22.0	•0	5.6	104.0	

DECEMBER

PERIODI	(PRIMARY)	1908-1972

TABLE 10

AREA 0014 NORTHEAST JAVA SEA 4.75 113.7E

PERCENT	FREQUENCY	06	C=	EIN	5	ELGHT	\$ (FEET, NH	>4/8)	AND
						4614			

HOUR (GMT)	000 149	150 299	300	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TSTAL DB3
£0200	.0	.0	.0	4.8	19.0	14.3	.0	.0	.1	•0	30.1	61.9	21
96209	.0	.0	.0	9.5	23.8	9.5	.0	.0	. 2	•0	42.9	57.1	21
12615	.0	.0	5.0	.0	5.0	5.0	5.0	.0	.0	•0	20.0	80.0	20
18621	.0	.0	.0	10.0	5.0	10.0	5.0	.0	.0	.0	30.0	70.0	20
707	0	0	1.2	5	11	9.1	2.4	.0	.0	•0	32.9	55 67.1	82 100.0

T	٨	8	L	E	1	

TABLE 12

		PERCENT	FREQUE	.CY VS81	/ (NM)	BY HOUR		CUMULAT	IVE PCT CEILIN	FREQ G HGT	OF RAN	GES OF NH >4/8	VSBY (NH) )>RY HOUR	AND/OR
HOUP	. /2	1/2<1	1 </th <th>2&lt;5</th> <th>5&lt;10</th> <th>10+</th> <th>TOTAL DBS</th> <th>HOUR (GMT)</th> <th>&lt;150 &lt;50YD</th> <th>&lt;600 &lt;1</th> <th>&lt;1000 <b>&lt;5</b></th> <th>1000+ AND5+</th> <th>NH &lt;5/8 AND 5+</th> <th>TOTAL DBS</th>	2<5	5<10	10+	TOTAL DBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <b>&lt;5</b>	1000+ AND5+	NH <5/8 AND 5+	TOTAL DBS
06.705	.,	.0	2.6	10.3	23.1	64.1	39	00603	•0	.0	9.5	20.6	61.9	21
06609	•0	.0	>.9	2.9	25.7	68.6	35	06609	•0	•0	10.5	31.6	57.9	19
12615	.0	.0	.c	6.1	18.2	75.8	33	12615	•0	5.3	5,3	15.8	78.9	19
18621	.0	.0	•0	7.3	24.4	68.3	41	18621	•0	•0	10.5	21.1	48.4	19
TOT	0	.0	? 1.4	10	34 23.0	102	148 100.0	TOT PCT	.0	1.3	9.0	24.4	52 66.7	78 100.0

TA	iL.F	13

TABLE 14

	PERC	ENT FR	EQUENC'	Y OF RI	ELATIVE	HUMI	DITY B	Y TEMP				PERC	ENT FR	EQUENC	Y OF W	IND DI	RECTIO	N BY T	EMP	
TEAP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL DBS	PET	N	NE	£	SE	S	SH	Ħ	NW	VAR	CALM
85/89 80/84 75/79	.0	.0	•0	•0		27.4	49.3	1.4 5.5 5.5		6.8 82.2 11.0	3.4 1.4	.0	2.7	1.7 .0	.0 2.4 1.0	10.6	1,4 36.0 6.2	20.5 3.4	.0 .0	6.8
TOTAL PCT	.0	•0	•0	.0	•0	23	41	12.3	73	100.0	4,6	•0	2.7	1.7	3.4	11.0	43,5	24.7	•0	4.2

#### -----

TABLE 16

	MEANS,	EXTREM	S AND	PERCEN	TILES	0# TE	1P (DE	G F) 8	Y HOUR
HOUR (GMT)	MAX	99%	95%	57%	51	1%	MIN	MEAN	TUTAL
60360	91	90	86	82	77	75	75	82.2	74
90340	ái	87	86	82	78	77	77	82.1	50
12615	84	83	83	82	80	77	77	81.8	38
18621	26	85	84	82	in.	76	76	81.6	47
TOT	91	88	86	82	78	75	75	82.0	209

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	PERC	ENT FRE	DUENCA	Dr KELA	ITAE M	MIDILI	81 7001	•
IGUR (GPT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
£0300	.0	.0	•0	11.1	77.8	11.1	85	18
90300	•0	.0	•0	50.0	38.9	11.1	91	18
12615	.0	.0	•0	38.9	50.0	11.1	82	10
18621	.c	.0	.0	27.3	59.1	13.6	43	22
TOT	Ö	Ö	0	24	43	•	13	76

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PERIOD: (PRIMARY) 1908-1972 (OVER-ALL) 1871-1972

THE REPORT OF THE PROPERTY OF

TABLE 17

AREA 0014 NORTHEAST JAVA SEA 4.75 113.7E

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

,,	w10.	35-	i Enrep	4.0-5	01		• • ,
AIR-SEA	73 76	77 80	81 84	85	TOT	FOG	#O #DG
5	.0	•0	.0	. •	1	.0	,9
4	.0	•0	, 9	. 9	2	.0	1.8
2	.0	•0	4.4	1.0	7	.0	6,1
	.0	.0	1.8	2.6	5	.0	4.4
0	.0	.,	13.2	.0	16		14.0
-1			9.6	ő	ii		9.6
-ž	.0	3.5	27.2	ő	35		30.7
-3			5.3	ě	14	.0	
	.0	6.1					12.3
-4	.0	4.4	6.1	.0	12	•0	10.5
-5	.9	.9	3.5	•0	6	.0	5,3
	.0	1.8	. 9	.0	3	.0	2.5
-7/-8	.0	•0	. 9	.0	1	.0	
-11/-13	, 0	•0	.0	. 0	1	.0	.9
TOTAL	2	• • •	84	•	-	Ö	114
70.4	-	20	•	8	114	•	•••
PCT	1.8		73.7	7.0	100.0		100.0

PERIOD: (DVER-ALL) 1963-1972

TABLE 18

PCT FREG OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT) 22-33 4-10 HGT <1 1-2 3-6 5-0 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 26-32 33-60 41-68 49-60 61-70 71-88 87-7 7000000000000000000000 4-10 70000000000000000000000 HGT <1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-12 23-25 20-23 33-0 41-88 49-00 41-70 71-86 87-7 

								DE	CPHBER				46.54			
PEKIODI	(DAE	4-65()	1403-1	.4/2				TABLE 1	6 (CONT	)			AREA		75 113	ST JAVA SEA .7e
				PC	T FREC	OF WIND	SPEED	(KTS)	INO DIRE	TION V	VERSUS S	EA HEIG	HTS (FT	)		
HGT	1-3	4-10	11-21	S 22-33	34-47	48+	PET		1-3	4-10	11-21	22-33	34-47	48+	∌CŤ	
<b>&lt;1</b>				.0	.0	•0				.0	.0	.0	•0	.0		
1-2	.0	.0	•0			·ŏ			2.4	2.4	.0		.0		4.9	
3-4	.ŏ	1.8	.0			.0	1.8		ō		3.0	:0		.5	3.7	
5-0	.0		.0	.0	.0	.0	.0		.0	.0		.5	.0	.0	. 6	
7	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	.0	.0	.0	
1-7	.0	.0	.0	.0	.0	.0	.0		.0	.0	10	.0	.0	.0	.0	
10-11	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	•0	.0	.0	
12	.õ	.0	.0	.0	.0	•0	.0		.0	.0	۰.0	.0	•0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0	
17-19	.0	.0	.0	•0	.0	•0	.0		•0	•0	.0	.0	•0	•0	•0	
20-22	.0	.0	•0	•0	.0	•0	.0		•0	.0	.0	.0	•0	••	.0	
23-25	.0	.0	.0	.0	.0	.0	.0		•0	.0	.0	.0	•0	.0	.0	
26-32	.0	.0	•0	.0	.0	•0	.0		.0	.0	.0	.0	•0	.0	.0	
33-40	.0	.0	.0	.0	.0	•0	.0		•0	.0	•0	.0	•0	.0	.0	
41-48	٠.	٠.	•0	.0	.0	•0	.0		.0	.0	•0	.0	•0	.0	.0	
49-00	٠.	.0	•0	.0	.0	•0	•0		•0	.0	•0	.0	•0	.0	.0	
61-70	.0	.0	•0	•0	.0	•0	.0		•0	.0	•0	•0	•0	•0	.0	
71-66	.0	.0	•0	•0	.0	• 0	.0		•0	.0	•0	•0	•0	.0	.0	
87+	•0	.0	•0	.0	.0	• 0	.0		0	.0	.0	.0	•0	.0	.0	
TOT PCT	•0	1.0	•0	•0	.0	•0	1.5		2.4	3.0	3.7	•0	•0	•0	9.1	
												NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PET		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	.0	4.9	•0	•0	.0	•0	4.9		•0	2.4	.0	.0	•0	.0	2.4	
1-2	.0	13.4	2.4	.0	.0	•0	15.9		• 0	4.3	.0	.0	•0	.0	4.3	
3-4	.0	2.4	15.2	-0	.0	.0	17.7		•0	2.4	3.7	2.4	•0	.0	8.5	
5-0	•0	.0	11.0	•0	•0	•0	11.0		•0	•0	3.C	.0	•0	•0	3.0	
7	.0	.0	•0	•0	.0	•0	.0		•0	.0	•0	2.4	.0	•0	2.4	
8-9	•0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	2.4	•0	2.4	
10-11	.0	.0	•0	•0	.0	•0	•¢		•0	•0	•0	•0	•0	•0	.0	
12	٠0	.0	•0	•0	.0	•0	.0		•0	•0	•0	.0	•0	•0	•0	
13-16	•0	.0	•0	•0	.0	•0	.0		•0	•0	•0	•0	•0	٠٥	•0	
17-19	.0	.0	•0	•0	.0	•0	.0		•0	•0	•0	.0	•0	•0	•0	
20-22	•0	.0	•0	•0	•0	•0	•0		•0	•0		•0	•0	•0	•0	
23-25	•0	.0	•0	•0	•0	•0	•0		•0	•0		.0	•0	•0	•0	
26-32	٠.	٠.	•0	.0	.0	•0	.0		•0	•0		.0	•0	•0	•0	
33-40	.0	.0	•0	•0	.0	•0	•6		•0	•0		•0	•0	•0	•0	
41-48	•0	.0	•0	•0	.0	•0	•0		.0	•0		•0	•0	• 0	•0	
49-60	.0	.0	•0	.0	.0	•0	•0		•0	.0		•0	•0	.0	.0	
61-70	.0	.o .o	•0	.0	.0	.0	.0		.0	.0		.0	.0	.0	.0	
71-66 87+		:0	•0	.0	.0	•0	.0		٥٠	.0		:0	•0	.0	.0	
TOT PCT	.0	20.7	28.7	.0	.0	•0	49.4		.0	9.1		4.9	2.4	.0	23.2	92.7
101 PC1	••	20.7	4047	••	•0	••	7747		••		0.1	7.7		••		,,,,,

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	11.0	7.0	.0	.0	.0	.0	18.6	083
1-2	4.7	25.6	2.3	ŏ	.ŏ	.0	32.6	
3-4		7.0	20.9	2,3	.0	.0	30.2	
5-6			14.0		.0	.0	14.0	
7	.0	.5	.5	2.3		.0	2.3	
8-9	.ŏ	.0				ő	2.3	
10-11	.0	.0	:č	ě	•.0	• • • • • • • • • • • • • • • • • • • •	•:6	
.12	.0	•0	.0	.0	•0	.0	•0	
13-16	.0	.0	.c	.0	.0	.0	.0	
17-19	•0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	ō	.0		.0	
41-48	.0		.c	.0			.0	
49-60	•0	•0	•0	.5	.0	.0	۰,	
61-70	-0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.c	.0	.0	.0	.0	
			• •	• -	-		•••	43
TCT PCT	16.3	39.5	37.2	4.7	2.3	.0	100.0	4.5

PERIO	D: (DV	ER-ALL	1 194	9-1972	:				TABLE	19											
					PFRCENT	FRE	DUENCY D	F WAV	E HEI	GHT (F	7) VS I	HAVE P	ERIOD	(SECON	0\$)						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	50-55	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	4.4	20.5	14.7	4.4	1.5	.0	•0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	35	3
6-7	.0	.0	2.9	1.1	1.1	2.9	•0	٠0	.0	.0	:0	.0	.0	.0	.0	.0	.0	.0	٠.	16	•
6-7	.0	.0	.0	1.5	1.5	.0	.0	.0	.0	0	:0	.0	.0		.0	.0	.0	.0	.0	2	6
10-11	.0	.0	.0	.0	.0	.0	•0	.0	.0		.0	.0	.0		.0	.0	.0	.0	.0	0	
12-13	.0	.0	.0	.0	.0	.0	•0	.0	.0		.0	.0			.0	.0	.0	.0	.0	٥	
>13	.0	.0	.0	.0	.0	.0	•0	.0	.0	0	.0	.0	.0		.0	.0	.0	.0	.0	0	
INDET	20.6	.0	.0	٥.	.0	1.5	•0	.0	.0		: 6	.0			.0	.0	.0	.0	.0	15	1
TOTAL	17	10	12	10		3	0	0	0	. 0	0	0	0	0	0	0	0	0	٥	48	3
PCT	25.0	26.5	17.6	14.7	11.8	4.4	•0	٠ŏ	.č	.0	٥.	•0	.0		•0	.õ	.ŏ	.ŏ	٠Ô٠	100.0	-

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ANNUAL

PERIOD: (PRIMARY) 1908-1973 (OVER-ALL) 1856-1973

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THE THE PROPERTY OF THE PROPER

TABLE 1

AREA 0014 NÚRTHEAST JAVA SEA 4.75 114.0F

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PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

			•	RECIPI	TATIO	N TYPE					JTHER	WEATHER	PHEND	MENA	
WND DIR	RAIN	PAIN SHWR	DR7L	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR	FOG HO PCPN	POG WU PCPN PAST HR	SHOKE	SPRAY BLWG DUST BLWG SNOW	
N NE E S S S N N VAR CALP	8.0 .6 2.2 3.4 2.7 5.5 6.9 .0	0 .8 .2 1.9 3.2 10.4 5.2	1.6 .8 .0 .1 .4 .0 .2 .4	.0	•••••••	0000000000	000000000000000000000000000000000000000	9.7 1.4 2.5 5.7 5.9 16.1 12.5	9.6 .5 .4 2.8 2.0 4.0 1.6	8.3 .6 3.4 1.6 1.7 .7 5.2 8.4 .0	.0 .2 .3 .0 2.5 .0	• • • • • • • • • • • • • • • • • • • •	.0 .0 .1 .2 1.0 .0 .1	•0	64.0 97.5 94.6 92.7 89.3 89.4 75.5 70.3
TOT PCT TOT CBS:	3.2 2126	1.7	.3	•0	•0	•0	•0	5.2	1.7	3.3	.4	•0	••	•0	09,2

TABLE 2

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	RECIPI	TATIO	N TYPE					THER	WEATHER	PHEND	HENA	
Haur (GHT)	RAIN	RAIN SHUR	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LTNG	#DG #D PCPN	FOG WO PCPN PAST HR	SHOKE SZAH	SPRAY BLWG DUST BLWG SNDW	ND Sig Wea
00803 06809 12815 18821	3.9 2.9 1.8 3.8	2.5 1.8 1.1	.2 .2 .4	.0	.0	.0	•0	6.0 5.2 3.2 5.1	2.5 2.9 1.0	1.1 .4 4.9 7.4	.3 .5 .2	.0	.3 .1 1.1 .0	•0 •0 •0	89.4 90.9 89.8 87.0
TOT PCT TOT CBS:	3.1 2150	1.7	.3	•0	.0	•0	•0	5.1	1.7	3.4	.4	.0	• •	•0	89.2

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

							-		•								
WND DIR	0-3			ED (KND 22-33		48+	TOTAL	PET	MEAN	00	03	06	HDUR 09	(GHT)	15	10	21
	• •				•		Das	FREQ	SPD			••	• •		•••	•••	
N	.7	2.5	.3	•	.0	.0		3.6	5.9	3.6	4.7	4.1	3.1		3.4	1.7	
NE	1.0	2.8	.4	•	.0	• 0		4.2	6.4	2.7	4.9	3.5	4.3	2.9	6.6	2.8	5.7
E	1.5	11.6	6.6	.1	.0	•0		19.9	7.8	16.1	19.0	18.7	17.8	17.9	23.5	18.9	26.2
ŠE	1.4	18.9	10.3	. 3	.0	.0		30.9	7.7	33.2	33.1	30.2					27.5
£	. 9	4.1	, 9		.0	.0		6.0	6.9	6.1	6.2	6.1	6.5		5.6		
Św	1.1	3.6	ģ	•	ŏ	.0		5.6	6.5	6.0		8.2	7.9		7.2		
*	1.4	A.3	4.7	. 3	•0	•0		14.7	1,1	12.8	14.0	15.9	16.9	15.9	14.5	18.0	11.7
Nы	1.2	5.8	2.2	.2	•	. )		9.4	7.2	10.0	10.4	10.3	7.5	9.9	5.7	11.9	8.9
VAR	. 0	.0	•0	.0	.0	.0		.0	•0	+0	•0	.0	.0	• 0	•0	.0	• • •
CALM	5.6							5.6	.0	7.5		3.1	3.5	6.2	6.8	7.2	7.0
TOT CBS	•••						5104		1.3	845	911	417	670	699	488		732
TOT PCT	14.8	57.7	24.3	1.0	•	•0		100.3	•••		100.0						

TAI	IL F	34

WND DIR	0-6	WIND 7-16	SPEED 17-27	(KNQTS) 28-40	41+	TOTAL	PCT FREQ	MEAN SPD	00	MBU8 06 09	(GMT) 12 15	18
N	2.2	1.3	•1	•	.0		3.6	5.9	4.3	3.7	2.5	3.5
NE	2.9	1.3		•0	.0		4.2	0.4	3,9	4.0	4.4	4.8
	5.7	13.1	1.0		.0		19.9	7.8	14.5	18.3	20.2	23.5
SE	7.0	22.3	1.6	•	.0		30.9	7.7	33.1	31.7	30.0	27.8
\$	3.1	2.0	• 1	.0	.0		6.0	6.9	4.2	0.3	6.1	4.8
Sw	3.2	2.1	.3	.0	.0		5.6	6.5	5.0	7.4	6.2	4.2
	5.5	7.7	1.5	•1	.0		14.7	1.1	13.5	10.3	15.3	14.5
Ñø	3.7	5.0	.6		.0		9,4	7.2	10.2	8.9	1.3	9.8
VAR	.0	.0	•0	•1	.0		.0		.0	.0	.0	•0
CALM	5.6			• •			5.6	.0	5.4	3.4	6.4	7.0
TOT CAS						3104		8.3	1756	1095	1107	1006
TOT PET	78.5	95.5	5.3	•2	.0		100.0		100.0			

ANNUAL

PERIUD: (PRIMARY) 1708-1973 (OVER-ALL) 1856-1973

AND THE CONTROL OF TH

TABLE 4

AREA 0014 NORTHEAST JAVA SEA 4,75 114.0E

ERCENTAGE	FREQUENCY	۵ř	WIND	SPEED	84	HUUR	(GMT)	

HOUR	CALH	1-3	4-10		SPEED (		48+	MEAN	PCT	TOTAL
			. •	•• ••		•	-			
60300	5.4	9.1	55.8	28.7	.9	.0	.0	8.5	100.0	1756
90360	3.4	10.0	55.5	29.4	1.5	.0	.0	4.6	100.0	1095
12615	6.4	10.1	60.0	22.2	1.1	.2	.0	8.0	100.0	1187
18621	7.0	8.0	61.1	23.2		.0	.0	7.9	100.0	1066
TOT								8.3		5104
PCT	5.6	9.2	57.7	26.3	1.0	•	.0	•••	100.0	

TARLE 4

TABLE 6

•	CT FRE			LOUD A		(EIGHTHS)		1					CEILIN NH <5/					
WND DIR	0-2	3-4	5-7	3 6 085CD	TCTAL CBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7 <b>99</b> 9	6000+	NH <5/8 ANY HGT	
N	.2	.3	1.2	.8		5.2	•0	•0	.1	.1	.5	• 1	.0	•0	•0	.0	1.8	
NE	. 2		. 9	.4		3,6	•0	.0	.0	.2	.1	. 1		•0	.0	.0	1.2	
E	4.6	5.1	7.3	1.0		4.8	• 0	.0	.0	. 4	1.6	. 6	.7	•1	•0		14.5	
ŠF	10.5	0.7	11.1	1.6		3.8	•0	•0	ž	.7	3.1	. 8	.5	·i	•0		26.5	
č	1.4	1.4	2.2	.6		4.7	•0	• 1	.0	.3	. 3	.3	.1	• 0	•0	.0	4.6	
ŠW	. 4	1.1	2.5	2.5		5.8	•0			1.0	.7	.6	. 1				3.9	
Ĭ.	1.9	3.0	7.6	5.1		4.7	•0	•0	. 5	1,3	2.9	.9	ž	•1	• 1	.0	11.6	
NH		1.9	4.9	3.4		5.0	•0	•1	. 2	7	1.7	.5	.1	i.i		.0	7.4	
VAR	.0	.0	.0	•0		•0	•0	.0	.0	.0	. 6	• 5	.0	.0	•0		•0	
CALM TOT PAS	1.7	1.1	1.9	.7	1018	3.0 4.7	• 0	•0	.0	.2	.3	.4	.2	•0	•	.0	4.4	1016
TOT PCT	21.6	22.6	39.7	16.1	100-0	. • .	•0		1.0	5.0	11.2	4.3	1.9		• 1	. 1	75.9	100.0

TARLE 7

# CUMULATIVE PCT FREQ OF SIMULTANEOUS DCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NH)

				VSBY (NH	1)			
CEILING	• CR	= DR	• DR	= DR	- DR	• DR	= OR	• GR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
■ DR >6500	.1	•2	.2	.2	.2	.2	.2	.2
● CR >5000	.4	.5	. 5	.5	.5	.5	.5	.5
■ DR >3500	2.0	2.3	2.4	2.4	2.4	2,4	2.4	2.4
■ 2R >2000	5.8	6.5	6.7	6.7	6.7	6.7	6.7	6.7
■ DR >1000	15.0	17.0	17.8	17.8	17.8	17.8	17.8	17.8
■ DR >600	18.9	21.8	22.7	22.7	22.7	22.7	22.7	22.7
■ DR >300	19.2	22.8	23.7	23.7	23.7	23.7	23.7	23.7
■ OR >150	19.3	23.0	23.9	23.9	23.9	23.9	23.9	23.9
- 08 > 0	10.3	23.0	23.9	23.0	23.9	23.0	23.0	21.9

TOTAL NUMBER OF DBS: 1030

PCT FRED NH <5/8: 76.1

# TABLE 7A

# PERCENTAGE FREQ OF COM CLOUDS (EIGHTHS)

TOTAL OBS	DBSCD	8	7	6	•	4	3	2	1	c
1094	•0	6.2	2.8	5,3	9.7	13.0	18.0	23.7	14.9	4.2

₽, €

								AN	MART						
PERIOD:	(PRIMARY) 1 (OVER-ALL) 1	908-1973 856-1973						TA	BLE B				ARE	A 0014	NORTHEAST JAVA SEA 4.75 114.0E
			P	PRCENT	FREQ	DF WING	ION WI	CTION TH VAR	ATME AY	ARENCE	E DR N DF VIS	ON-DCC	URRENC Y	€ OF	
	VSBY (NM)			NE	E	SE	\$	Sw	¥	NW	VAR	CALM	PCT	TOTAL	
	••	PCP	•	.0	• 0	•0	•0	•0	•0	•	.0	.0	. 1		
	<1/2	NO PCP	•0	•	.0	•0	•0	•	. 1	•1	.0	.0	.3		
		TOT %	•		•0	•0	•0	•	.1	•1	•0	.0	.3		
		PCP		.0	.0	•0	.0	•	.1	•	•0	•0	. 4		
	1/2<1	NO PCP	.0	.0		•	•0	•0	.1	.0	.0	•0	.1		
		TOT %	•	.0	•	•	•0	•	•1	•	•0	•0	.2		
		PCP	.1		.0	•	•	•0	.2 .1 .2	•	.0	•0	.4		
	1<2	NO PLP	.0	.0	.1	.1	•0	•0	•1	•	.0		.3		
		TOT %	.1		•1	•1	•	•0	• 2	•	•0	•	.7		
		PCP	•	.0	.0	.0	•	• 2	:4	.3	.0	.0	1.0		
	2<5	NO PCP		•		•1	•1	• 1	.2	•	•0	.1	. • 7		
		TOT \$	.1	•	•	•1	•1	. 7	.6	.3	•0	•1	1.7		
		PCP	.1	•	.2	•2 ••7	.0	.4	.9	.4	.0	.1	2.3		
	5<10	NO PCP		.7	2.8	4.7	.7	1.0	2.3	1.7	.0	.8	15.4		
		TOT %	.9	.7	3.0	4.9	.7	1.4	3,2	2.2	•0	. 8	17.7		
		PCP	•	.0	.2	.2	.2	•		. 3	•0	.1	1.4		
	10+	NO PCP	2.2	2.9	15.8	26.6	4.8	4 • 1	11.5	6.9	•0	3.2	78.0		
		TOT *	2.2	2.9	16.0	26.8	5.0	4.1	11.9	7.2	•0	3.3	79.4		
		TOT 045												2123	

3.3 3.7 19.2 31.9 5.8 5.8 16.1 9.9

 $\vec{A}$ 

i in

9CP NO PCP TOT %

PCP NO PCP TOT %

10+ NO PCP TOT %

TOT 085 TOT PCT

4.2 100.0

								ECTION S OF VI			ED		
V53Y (NH)	SPD	N	NE	E	SE	S	Sw	*	NW	VAR	CALM	PCT	TOTAL DBS
	0-3	.0	.1	.0	.0	.0			.0	.0	.0	.1	
<1/2	4-10		.1	.2	.3	.0	.1	.2	-1	.0		1.0	
	11-21		.0	.2	•1	.0		.1	•	.0		.4	
	22+	.0	.0	.0	٠.	•0	•0	.0	•0	.0		.0	
	10T %	•	-1	.4	.4	•0	•1	.3	•5	.0	•0	1.5	
	0-3	.0	.0	•0	.0	.0	.0	•	•	.0		.1	
1/2<1		.0	.0	•0	•	• 0	•		.0	.0		.1	
	11-51	•	.0		•	•0	.0	•	•	•0		•1	
	22+	•0	.0	•0	•0	•0	.0	.0	.0	•0		•0	
	TOT %	•	.0	•	*	•0	•	.1	•	.0	•	.2	
	0-3	.0	.0	•0	.0	•0	.0	•	•0	.0	•	-1	
1<2	4-10	-1	•	.2	. 2	•	.0	.1	• 1	.0			
	11-21	.0	•	•	•0	•0	.0	-1	•	.0		•1	
	22.	•0	•0	•0	•0	•0	.0	٠٥	٠.	•0	_	0	
	TOT %	-1	•1	•2	•2	•	.0	.2	-1	.0	•	1.0	
	0-3	٠,	.1	•1	.0	•0	•	•	•0	.0	-1	3	
2<5	4-10	•1	•1	• 4	• 4	• 1	- 1	. 3	.3	.0		1.5	
	11-21	•	•	•	• į	•	٠2	.6	.2	•0		1.1	
	22+	•0	.0	•0	• 0	•0	.0		.0	•0		3.2	
	101 %	•2	.2	.5	.5	•1	•-	1.0	.5	.0	-1	3.6	
	U-3	.2	.2	.2	•2	.1		.1	.1	.0	.6	1.8	
5<10		• 4	.3	1.1	1.9	.3	.7	1.6	1.1	.0		7.3	
	11-21	•	•	•7	.9	• 1	. 3	.7	.5	.0		3.2	
	22*	.0	.0	•0	.0	.0		.1	.0	.0		1	
	TOT #	•7	. 5	2.0	3.0	.4	1.0	2.5	1.7	•0	.6	12.4	
	0-3	.5	.7	1.0	1.0		9	1.0	. 9	.0	4.6	11.5	
10+	4-10	1.9	2.1	10.0	10.9	3.4	2.5	•.•	4.7	.0		48.2	
	11-51	.2	.2	5.7	9.5		.3	3.2	1.6	.0		21.4	
	22+	•	.0	• 1	1		. :	1	- • 5	.0		7	
	TOT \$	2.6	3.0	16.8	27.5	5.1	3.7	11.0	7.5	.0	4.6	01.7	
	TOT DAS									_			3577
	TOT PCT	3.6	3.9	20.0	31.6	5.6	5.1	15.0	9.9	•0	3.4	100.0	

N		

PERIOD:	(PRIMARY)	1908-1973
	(SIVE BEALLY	1854-1973

TABLE 10

AREA 0014 NORTHEAST JAVA SEA 4.75 114.0E

PERCENT	FREQUENCY DE	CEILING	HEIGHTS	(FEET, NH	>4/81	AND

HOUR (GMT)	000 149	150 209	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7799	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
60300	.0	.0	1.9	5.6	11.5	6.4	2.5	.0	.0	•0	27.8	72.2	265
90380	.0	.0	.7	4.8	16.7	4.6	1.9	.2	.0	•0	28.9	71.1	293
12615	.0	.6	,4	2.5	7.2	2.2	1.5	.3	.3	.3	15.4	84.6	257
18621	.0	.0	.9	5.2	6.9	3.4	1.6		.0	•0	18.8	81.2	261
TOT PCT	.0	.2	1.0	4.6	10.7	4.1	1.8	.3	-1	•1	22.9	77.1	1076

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VSRY	(NK)	BY HOUR		CUMULAT	IVE PCT CEILIN	FREQ IG HGT	OF RAN	IGES OF NH >4/8	VSBY (NH)	AND/OR
HOUR (GMT)	¢1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL CBS	HOUR (GMT)	<150 <50YD	<600 <b>&lt;</b> 1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL OBS
00603	1.6	.2	1.3	3.7	10.6	82.7	1215	00603	•0	1.9	9.0	19.4	71.7	260
90360	1.4	.3	.7	2.5	13.0	82.1	757	90360	.0	.7	6.9	23.8	69.4	277
12615	1.1	.3	•7	2.8	12.9	82.2	806	12615	•0	1.1	4.3	11.0	83.9	245
1862.	1.6	-1	.9	3.5	13.0	80.1	830	18621	•0	1.0	7.1	12.8	80.1	248
TET PCT	1.5	.2	.9	3.2	12.4	81.8	3608 100.0	TOT	40	1.2	7.0	17.0	76.1	1030

				,	ATLP 1	3									TABL	E 14				
PERCENT FREQUENCY OF RELATIVE MUMIDITY BY TEMP TOTAL PCT TEMP F 0-29 30-39 40-49 50-59 60-69 70-79 80-89 90-100 DBS FREQ												PERC	ENT FR	EOUENC	Y UF W	IND DI	RECTIO	ON BY TO	Fmb	
TEMP F	0-29	30-39	40-49	50~59	+0-69	70-79	80-89	90-100	045	FREQ	N	NE	E	SE	S	SW	Ħ	NW	VAR	CALM
90/94 85/89 80/84 75/79 TDTAL	.0 .0 .0	.0	.0	. 1	1.6		37.2	.0 .5 4.4 2.8		.6 10.8 79.5 9.0	.0 .5 1.2	.0 .4 1.5	4.0 13.8	2.5 26.2 3.0	.1 .3 4.8	.0 .4 5.1	1.5 13.1 2.3	.1 .3 9.1 1.4	•••	.0 .9 4.7
PCT	•0	.0	•0	•?	4.0	44.8	43.5	7.6	1094	100.0	2.3	2.0	18.4	31.9	5.6	<b>6.1</b>	16.9	11.0	.0	5.4

TARLE 15

1 7

				TAP	LF 15									TABLE	16			
	4EANS,	EXTREM	S AND	PERCEN	TILFS	OF TE	4P (DE	G F) (	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	MIDITY	BY 4001	t
HOUR (GMT; 00803 06809 12815 18821 TOT	94 95 92 88 95	99% 89 90 85 84 89	85 85 87 84 83 86	50% 82 83 82 81 82	5% 78 79 79 79 79	1% 76 76 77 76 76	41N 72 73 75 73 77	MEAN 82.2 82.9 81.8 81.2 82.0	TDTAL DBS 1740 1079 1187 1064 5070	HOUR (GMT) 00603 00609 12615 18621 TDT	0-29	30-59	2.1 10.5 2.8 .0	70-79 39.5 56.1 45.3 38.1 508	47.6 27.7 46.4 52.9	90-100 10.5 5.4 5.5 9.0	MEAN 81 77 80 82	TOTAL 045 264 . 18 281 281

PAGE 550

148. gr 6

1/6 FAM

ANNUAL

PERIOD: (PRIMARY) 1908-1973 (QVEP-ALL) 1856-1973

TABLE 17

AREA 0014 NORTHEAST JAVA SEA 4.75 114.08

PCT FRPQ OF AIR TEMPERATURE (DEG F) AND THE OCCUPRENCE OF FOG WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AJR-SEA	69	73	77	81	85	89	>92	TOT	w	WD
THP DIF	72	76	80	84	88	72			FDG	FOG
11/13	.0	•0	.0	•0	.1	.0	•	2	.0	•1
9/10	.0	•0	.0	• 1	.1	.3	.0	9	.0	.5
7/8	.0	•0	.0	. 1	.1	.3	.0	9 5	.0	.5
•	.0	•0	.0	.1	.1	.1	.0	5	.0	.3
5	.0	•0	.0	.3		• •	.0	23	.0	1.2
4	.0	•0	٠.	1.3	1.7	-1	.0	59	.0	3.1
3	.0	.0	.0	. 2	1.0	.0	.0	23	.0	1.2
3 2	.0	.0	.2	6.6	2.0	•	.0	167	.0	8.7
ī	.0	.0	. 3	4.9	1.1		.0	123	.1	6.3
ŏ	ě	.0	2.0	21.9	1.2	•	.ŏ	482	.1	25.0
-i	.0	.0	1.6	9,7	1.1	.0	.0	242	•1	12.6
-2	.0	.2	4.6	18.0	.4	.c	.0	446	.1	23.0
-3		.0	2.0	3.1	.1	.0	.ŏ	98	ě	5.3
-4	.ŏ	.3	3,4	3.6	•	.0	.0	149	.0	7.7
-5	.ī	.4	1.4	. 6	.0	.0	.0	46	.0	2.4
-6		•1		1	.0	.0	.0	19	.0	1.0
-7/-8	.0	.;	ij	i	.0	. 5		12	.0	
-9/-10	.0	•1	.õ	ō	.0	.0	.0	- 2	.0	.1
-11/-13				ŏ	.0		.6	ī	.0	:1
TOTAL	••	••	•••	••	••	••	••	1918	••	••
BCT	. 1	1.3	17.1	70.7	9.6	1.9		100.0	-4	99.6

PERIOD: (DVER-ALL) 1963-1973

				PC	T FRED D	OF WIND	SPEED	(KTS)	AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)		
				N								NE 22-33		48+	
HGT	1-3	4-10	11-21	22-33	34-47	44+	PCT		1-3	4-10	11-21	.0	34-47	.0	PCT •0
<1 1-2	•0	1.3	•0	.0	.0	.0	1.4		•0	.1	.1	.0	•0	.0	.3
3-4	.0		.;	.0	.0	.0			.0	:3	.0	.0	•0	.0	:;
5-6	.0	.0	.6	.0	.0	.0	.0		.0	.0	.0	.0	•0		
7	:0	.ŏ	•0	.0	.0	.0			ě				.0		ĕ
8-9	ŏ		.0	:0	ě		.0		ěŏ	٥		.0	.0	.ŏ	٠٥
10-11	٠٥		.0		٥٠	.0			ŏ	.0		.ŏ	.0		.0
12			.0	.0	.0	.0			.0	.0	.0		.0	.ŏ	.0
13-16		.0	.0	.0	.0	.0	.0		.0	.0		.0	•0	.0	•0
17-19		.0	.0	.0	.0	•0	.0		.0	ō	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.õ	.0	.0		ō	.0	.0	.0	•0	.0	•0
23-25	.0	.0	.0	.0	.0	۰۵	. 0		.0	.0	.0	.0	.0	.0	.0
26-32	.0	, o	•0	.0	.0	٠٥	.0		.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	•0	.0	.0	.0	.0		.0	•0	.0	.0	.0	.0	•0
41-48	•0	. ?	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
49-60	•0	.0	•0	.0	.0	-0	.0		•0	.0	.0	•0	•0	.0	•0
61-70	.0	.0	.0	.0	.0	•0	.0		•0	.0	•0	•0	•0	.0	•0
71-86	.0	.0	.0	-0	.0	•0	.0		.0	.0	•0	.0	•0	.0	•0
87+	.0	.0	•0	•0	.0	٠0	.0		•0	•0	•0	•0	•0	.0	•0
TOT PCT	.0	1.7	.4	.0	•0	•0	2.1		•	• •	•1	•0	•0	.0	.5
HGT	1-3	4-10	11-21	£22-33	34-47	48+	PCT		1-3	4=10	11-21	\$E 22-33	34-47	48+	PCT
	3	.2	•0	.0	.0	•0	- 4		2		.0	.0	•0		1.1
<1 1=2	::	4.3	2.3	.0	.0	:0	9.0		:4	11.6	3.3	.0	:0	.ŏ	15.3
3-4	.0	3.4	5.0	.0		.0	8.4			3.8	6.6	:		ŏ	10.5
5-6		7.4	3.2		ĕ		3.6		ě	7.3	4.9			.ŏ	5.6
7	.ŏ	.0	0	.1	.0		1		.0	.0	. 3	.2	•0	.ŏ	, ,
8-7	.0	.0	.1		ō	.0	. 2		.0	.0			.0	.0	.1
10-11	.0	.0	•0	.0	ŏ	.0	ō		٥٠	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	•0	.0	.0	.0
13-16	.0	.ö	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0		•0	.0	•0	•0	•0	.0	•0
23-25	.0	.0	0.	.0	.0	.0	.0		•0	•0	.0	.0	•0	.0	•0
28-32	.0	.0	.0	.0	.0	•0	.0		•0	•0	.0	.0	•0	.0	•0
33-40	.0	.0	•0	.0	.0	•0	.0		•0	•0	•0	•0	•0	.0	•0
41-48	٠٥.	.0	•0	.0	.0	•0	.0		•0	•0	•0	.0	•0	•0	•0
49-60	.0	.0	•0	.0	.0	.0	.0		•0	•0	.0	.0	+0	.0	•0
61-70	•0	.0	•0	.0	.0	•0	.0		•0	•0	•0	.0	•0	•0	•0
71-86	•0	.0	•0	•0	•0	•0	•0		•0	•0	•0	•0	•0	.0	•0
87+	•0		0	•0	•0	.0	0		•0	0	0	.0	•0	•0	0
TOT PCT	.7	10.2	10.6	.2	•0	•0	21.7		.7	17.0	15.2	•2	•0	•0	33.1

PERIUDI	COVE	-ALL)	1963-1	973					ANNUAL				ARCA			ST JAVA SEA
								YABLE	18 (CONT)					4.7	\$ 114	OF
				₽¢	T FRED OF	WIND	SPEEC	(KTS)	AND DIREC	TION '	VERSUS S	EA YEIG	HTS (FT)			
нат	1-3	4-10	11-21	S 22-33	34-47	48+	PLT		1=3	4-10	11-21	SW 22-33	34-47	484	PCT	
<1	.0	.3	•0	.0	•0				.0	.0	.0	.0	.0	.0	.0	
1-2	ě	1.5		.ŏ	ě	.0	2.0		1.0	2.4	.0	.0	.0	.0	3.4	
3-4	.0	1.0		.0	.0	.0	1.6		.0		1.0	iò	.0	-0	1.4	
5-6	Ü	.0	• 1	.0	.0	.0	.1		.0	-0	.1	.0	•0	•0	• 1	
7	.0	.0	.1	.0	.0	.0	.1		.0	.0	.0	.0	•0	.0	.0	
1-7	.0	.0	•0	.0	• 0	.0	•0		.0	.0	.0	.0	•0	•0	.0	
10-11	.0	.0	• 0	.0	.0	•0	.0		.0	•0		.0	•0	•0	•0	
12	.0	.0	•0	.0	.0	.0	.0		.0	.0		.0	•0	•0	•0	
13-16	.0	.0	.0	•0	.0	•0	•0		• 2	•0		•0	•0	•0	•0	
17-19	• 0	.0	•0	.0	•0	•0	•0		.0	:0		•0	•0	•0	•0	
20-22	.0	.0	•0	•0	.0	.0	•0		•0	•0		.0	•0	.0	•0	
23-25	.0	.0	•0	•0	.0	.0	•0		•0	- 2		.0	•0	.0	.0	
20-32	.0	.0	•0	-0	.0	•0	•0		•0	•0		.0	•0	.0	•0	
33-40	• 3	.0	•0	.0	•0	.0	•0		• 9	•0		•0	•0	•0	•0	
41-48	.0	•0	•0	•0	.0	•0	•0		• 0	•0		.0	•0	•0	•0	
49-60	.0	.0	•0	.0	•0	.0	•0		• 5	.0		.0	•0	.0	•0	
61-70	.0	.0	•0	•0	•_	٠0	•0		.0	.0		.0	•0	:0	•0	
71-86	٠,	.0	•0	•0	.0	•0	•0		•0	.0		.0			.0	
87+ TOT PCT	٠,	2.7	1.3	.0	.0	.0	4.1		1.0	2.0		.0	.0	.ŏ	4.9	
131 -61	.0	2.,	1.5	4.0	•0	••	7.1		1.0	•••		••	••	••	4.,	
				w								NW				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PÇT		1=3	4-10		22-33	34-47	48+	PCT	PCT
<1	• 1	.7	•0	•0	•0	•0	• 9		•0	. 4		•0	•0	•0	• •	
1-2	•0	7.1	1.8	•0	.0	.0	8.9		•1	3.1		•0	•0	•0	4.1	
3-4	٠.	1.7	3.8	•0	•0	•0	3.5		•0	1.7		.2	•0	•0	4.1	
5-6	•0	.1	2.3	•0	•0	•0	2.4		č	• 1		•0	•0	.0	1.0	
7	•0	.0	• 1	•0	.0	•0	• 1		•0	•0		.2	.2	.0	.4	
8-9 10-11	•0	•0	•0	•0	•0	• ŏ	• 9		.0	.0		•0	.0	.0	.6	
	•0	.0	•0	•0	•0	• 5	•0		ő	. 0		.0	.5	.0	•0	
12	.0	.0	•0	•0	• • • •	.0	•0		.0	.0		:0	.0	.0	ě	
13-16 17-19	.0	.0	•0	.0	.0	.0	• 0		ő	.0			.0	.0	.0	
20-22		.0	.0	.0	.0	.0	:		ň	.0		.0	.0	.0		
23-2"	.0	:0	.0	.,	.0	:0			ő				ŏ	.0		
26-32	.0	.0	•0	.0	.0	:0	• 0		ŏ	.0		.0	.0	.0	•0	
33-40		.0	•0	.0	.0				ŏ				.0	.ŏ	.0	
41-48	.0		·ŏ		.0	.0	•		. 0				.0	.0	.0	
49-00	.0	.ŏ	ŏ	.0	.0	.ŏ						.0	.0	ŏ	•0	
61-70	.0	.č	.0	.5	.0	.0			n	. 0		.0	. 0	.0	•0	
71-86	.0	.0	•0	.0	.0				.0	. 0		.0	.0	.0	.0	
87+	.c	.0	.0	.0	.0	.0			.0	• 0		.0	.0	.0	.0	
TOT PCT	.1	9.7	8.0	.0	. 0	.0	17.6	:	. 1	5.4		.4	,2	.0	10.2	94.4

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT
<1	6.8	3.0	.с	.0		.0	9.8	483
1-2	2.0	33.0	9.1	.0	•0	.0	44.1	
3-4	.0	12.3	19.2	.2	.0	.0	31.7	
5-6	.0	1.4	11.2	.0	.0	.0	12.0	
7	.0	.0	.7	. 5		.0	1.2	
8-9	.0	.0	.2	.2		.0	.5	
10-11	.0	.0	.0	.0		.0	.o	
12	.ŏ	ŏ		.0		.0	ŏ	
13-16		ě	.0			.0	ō	
17-19		ŏ		.0			ŏ	
20-22	.0			ŏ			ě	
23-25	.0	ě		ŏ		.0	.0	
20-32	.0	.0	.0			.0	Ö	
33-40		.0	.0			.0	٠٥	
	.0							
41-48	.0	•0	٠.				•0	
49-60	.0	.0	•0				.0	
61-70	•0	.0	.0	.0		•0	.0	
71-86	-0	•0	.0	•0		.0	•0	
87◆	.0	.0	.0	.0	-0	.0	.0	
								590
TET PET	1.1	49.8	40.4	.8	•2	.0	100.0	

PSRIDD: (QVER-ALL) 1952-1970 8-9 10-11 .2 .0 .6 .0 .0 .0 .0 .0 .0 .0 .1 .0 TOTAL 628 160 19 7 4 0 103 910 100.0 61-70 71-86 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 PERIDO (SEC) (6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT .0 .0 .0 .0 .0 <1 6.0 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 1-2 29.5 1.5 .5 .2 .0 .0 2.4 3-4 21.5 5.5 .5 .3 .2 .0 1.2 9.3
6.2
.6
.2
.2
.0
.2
.10.7 1.9 00000000 ...... ..... ......

5 × e

Carrier Sylve

													70/0	
			PERC	ENT FRE	AUENCY	/ OF 00	CURRE	CE OF	SEA TE	MP (DE	(G #) 1	BY MCN7H		
SEA THP DEG F	JAN	PL 4	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	986	ANN	१ ७७
96+	.0	.0	. 1	.0	.0	,0	.0	.0	•0	.0	.0	.0	9	.0
95/96	.0	.0	٥.	.0	.0	•0	.0	.0	.0	. 0	.0	.0	Ö	.0
93/94	.0	-0	.0	.0	.0	• 😯	.0	.0	.0	,0	.0	.0	Ó	.0
91/92	•1	•0	• 0	.0	.0	.0	•0	.0	•0	•0	.0	.0	0	.0
89/90	. 5	.3			.0	- 10	.0	.0	•0	•0	.3	1.1	10	•2
AT/88	?	1.3	1.1	5.5	2.5	. 5	.0	• 5	.0	• 2	1.0	3.3	63	1.3
85/86	6.6	11.0	14.3	26,5	21.1	6.4	2.0	. 5	1.5	4.2	24.2	16.4	. 36	11.1
83/04	32,0	32.8	36.7	44.1	47.5	34.7	13.4	5,4	10.3	30.8	49.4	46.4	1523	31.4
01/92	51.0	*0.3	40.7	18.7	25.9	7.7.7	59.8	54.0	50.1	57.2	22.1	31.1	2117	43.0
79/80 77/78	6.4	4.1	5.7	3.5	2.3	4.2	22.9	35.0	26.0	8.6	2.8	1.6	530	11.1
75/76	1.1	.3	. 3	• 4	,5	2.1	1,8	3.8	5.1	.7	. 3	.0	55	1.1
73/74		.0	•0	• • •	,2	• 4	. 2	5	•0	. 2	•0	()	10	•2
71/72	. 5	.0	•0	•0	•0	, ,	.0	٠,0	•0	•0	• 0	•0	2	.1
69/70		.0	•0	•0	•0	•0	.0	•0	•0	. 3	•0	.0	0	•0
67/68	.0	.0	, (	•0	.0	•0	.0	•0	•0	•0	.0	•0	0	• 0
65/66	.0	.;	٥		:5	•0	.0	.0	۰۵	•0	.0	•0	0	•0
63/64	.0			, 0	ة:	.0	ö	.0	.0	•0	6,	• 0	9	•0
61/62	.0			.0	.ŏ	.0	ě	ö	.0	•0	.0	•0	0	•0
59/60	.0	.0	š	.0		.0	ő		.0	.0	.0	.0	0	•2
57.58	.0	.0		.0	ŏ		ň	,5	.0	.0	.0	.0	ŏ	•0
55/06	.0	.0	.0	.0	.ŏ		Ö	,~	.0	.0	.0	.ŏ	ŏ	
53/54	.0	.0	.0	.0	.0	.0	ó	.0	.0	.0			ŏ	•0
51/52	.0	.0	-0	.0	.0	.0	٥٠	, ŏ	.0			.0	ŏ	:ŏ
49/50	•0	.0	.0	.0	.0	•0	.o	.0	.0	.0	Ö	, 0	Ď	.0
47/48	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	ŏ	.0
45/46	,0	.0	.0	• 5	.0	, 0	.0	.0	.0	9.0	. 6	.0	ŏ	.6
c3/44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	ŏ	.5
41/42	.0		.0	•0	.0	.0	.0	.0	• >	.0		.0	Ď	.0
39/40	.0	, e	.0	.0	.0	,0	.0	.0	.0	.0	٠,٠	.0	ŏ	,0
37/38	•0	.0	.0	.0	.0	.0	• 0	40	.0	.0	.0	.0	Ö	•0
35/36	0	.0	.0	.0	•0	•0	•0	.0	•0	.0	*C	٠٥	0	•0
33/34	•0	.0	.0	.0	.0	•0	•0	.c	.0	.0	•0	.0	C	•0
31/32	.0	.0	.0	• 0	•0	.0	•0	.0	.0	.0	.0	.0	0	.0
29/30	•0	.0	•0	•0	•0	•0	• 0	.0	.0	••	.0	.0	0	-0
27/28	•0	•¢	•0	•0	.0	•0	•0	• 0	•0	.0	.0	•0	0	•0
<27 TOTAL	454	.0	•0	2	.0	.0	.0	.0	.0	7.0	. 3	.0	. 0	•0
MEAN		390	371	487	440	438	455	423	789	125	393	102		100.0
TEAM	82.3	82.6	32.8	83.7	83.4	82.1	81.3	EC.7	41.1	82.1	P3.5	4.4	1.3.4	

TABLE	5.7
PRESSURE	(MB)

			AV	ERAGE	BY HOU	R . GHT	,			
MB	0000	0300	0600	0900	1200	1500	7400	2100	MEAN	TOTAL DBS
JAN	1010	1009	1009	1007	1000	1009	1009	1009	1060	194
ESP	1010	1009	1008	1008	1008	1010	1009	1009	1009	203
MAR	1010	1010	1004	1008	4010	1010	1009	100	1609	195
APR	1010	1010	1008	1009	1000	1009	1009	1010	1309	212
MAY	1009	1010	1009	1009	100+	1010	1909	1010	1009	180
JUN	1011	1009	1009	1009	1010	1010	1010	1009	1010	186
JUL	1011	1010	1010	1008	1010	1009	1010	1010	1010	199
AUG	1012	1010	1010	1009	1010	1010	.010	1010	10:0	174
965	1012	1010	1010	1009	1011	1010	1010	1010	10.0	167
TOT	1011	1010	1009	1009	1009	1010	1009	1010	1010	220
NOV	1011	1010	1009	1008	1004	1010	1009	1013	1009	199
DEC	1010	1009	1008	1008	1009	1010	1009	1010	2009	170
ANN	1011	1010	1009	1008	1009	1013	1009	1010	1007	299
085	306	346	324	240	320	182	283	290	•••	

					ERCENT	ILES			
40	MIN	18	35	25%	50%	75%	95%	992	MAX
J皇代	1002	1003	1006	1008	1009	1010	1012	1013	1014
PE8	1005	1005	1006	1008	1009	1010	1013	1013	1014
448	1004	1004	1006	1008	1009	1011	1912	1013	1014
APR	1005	1005	1068	1008	1009	1010	1014	1014	1015
MAY	1005	1605	1006	1008	1009	1010	1012	1014	1015
JUN	1003	1005	1007	1008	1010	1011	1013	1014	1016
JUL	1005	1005	1007	1009	1016	1011	1012	1014	1016
AUG	1004	1005	1008	1009	1010	1011	1013	1014	1015
SEP	1005	1005	1007	1009	1010	1012	1014	1014	1015
MCT	1005	1005	1007	1008	1009	1011	1013	1015	1016
NOV	1005	1005	1006	1008	1009	1011	1013	1014	1015
DEC	1903	1004	1006	1008	1009	1010	1012	1013	1015

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	*		
Approximate Central Location	222222 222222 2227 2227 2227 2227 2227	133.33 133.33 135.33 13	151.5°E 148.7°E 149.0°E 152.6°E 153.5°E
Approximaté Central Locat	00000000000000000000000000000000000000	11.2% 09.3% 10.8% 10.8% 10.3%	10.7°S 06.9°S 01.8°S 02.1°S 05.5°S
Name	Northwest Celebes Sea East Celebes Sea Northeast Molucca Sea Southeast Molucca Sea Northeast Banda Sea Timor Northwest	Melville Island West Arafura Sea East Arafura Sea West Torres Strait East Torres Strait Gulf of Papua Southeast	Southeast New Guinea Northwest Solomon Sea Admiraity Islands East New Ireland Northeast North Solomon Sea Southeast Solomon Sea
Area	22.22.22.22	332 332 343 343 343 343 343 343 343 343	35 36 37 38 39 40
Volume	4	ស	ω
Approximate intral cocation	105.5°E 105.7°E 105.7°E 107.5°E 108.0°E	107.8°E 109.2°E 109.6°E 110.6°E 115.2°E 113.1°E	116.5°E 1119.9°E 1117.5°E 1117.8°E 1118.7°E
Appro, Central	04.7°S 00.1°S 00.1°S 00.0°S 03.8°N	00.7 °N 02.7 °S 05.5 °S 08.4 °S 09.7 °S 06.3 °S	07.8°S 07.8°S 06.0°S 04.2°S 02.0°S 00.1°S
Name	Southeast Sumatra Christmas Island Sunda Strait Rort:West Java Sea Bangka Island Nort:West Natura Island	West Borneo Karimata Strait Southwest Java Sea South Central Java Southeast Java Southeast Java	Bali Sea Flores Sea North est flores Sea South Makassar Strait Central Makassar Strait North Makassar Strait
Area	<b>4664667</b>	8 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15 17 18 19 20 21
Volume	<b>-</b> г	<b>∾</b>	m